

Pages Missing

McGILL UNIVERSITY

ANNUAL CALENDAR.

FACULTY OF MEDICINE.



5+TH SESSION, 1886-87.

Montreal:

PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO.

1886.

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NOVEMBER, 1836

DECEMBER, 1836

- 1 Monday
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- 28 SUNDAY
- 29 Monday
- 30 Tuesday

First lectures delivered in
Med. Faculty, 1829.
Bichat born, 1771.

Radcliffe born, 1650.

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- 29 Saturday
- 30 SUNDAY
- 31 Monday

Lectures resumed in Medical
Faculty.

Linacre born, 1460.

Lower born, 1653.

Dr. Wm. Caldwell died, 1833.

Charter granted to Montreal
General Hospital, 1823.

DECEMBER, 1836

FEBRUARY, 1837

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- 25 Saturday
- 26 SUNDAY
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- 30 Thursday
- 31 Friday

Christmas Exam. in Rotany.

Class Examinations. James
McGill died, 1813.
Lectures close for the term.

Pott died, 1788.

Christmas. Peyer born, 1553.

Boerhaave born, 1688.

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- 26 Saturday
- 27 SUNDAY
- 28 Monday

Willis born, 1622.

Prof. Sutherland died, 1875.

John Hunter born, 1723.

Laennec born, 1781.

Assessors of C. P. & S. of the
Province to be notified of
examinations.

Abernethy born, 1667.

Albinus born, 1697.

Morgagni born, 1682.

MARCH, 1887.

MAY, 1887.

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Clinical Examination beg' at Hospital.
 Lectures close.
 Botany Examination.
 Histology.
 Physiology, 10 a.m.; Chemistry, 3 p.m.
 Materia Medica, 10 a.m.; Anatomy, 3 p.m.
 Primary Orals begin.
 Practice of Medicine, 10 a.m.
 Surgery, 10 a.m.; Obstetrics, Final Orals. 3 p.m.
 Ruysch born, 1638.
 Convocation for conferr'g Degrees in Medicine, 3 p.m.
 Candidates for Ont. License to send certificates, etc., to Dr. Pyne, Bay St., Toronto.

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 29 SUNDAY
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 31 Tuesday

Candidates for Matriculation of Provincial Board to send fee, \$10, to Dr. F.W. Campbell, Montreal. Candidates for License to send fee, \$20, and credentials.
 Matriculation Examination of Quebec Medical Board at Montreal.
 Semi-annual Meeting of Quebec Med. Board at Montreal.
 Ed. Jenner born, 1749.
 Heberden born, 1710.
 Professor Scott died, 1883.
 Prof. G. W. Campbell died 1882.

APRIL, 1887.

JUNE, 1887.

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Summer Session begins.
 Sydenham born, 1624.
 Annual Meet'g McGill Medical Society.
 Petit born, 1760.
 Orfila born, 1787.
 Hygiene Examination.
 Practical Chemistry Examination.

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Corner-stone of Montreal General Hospital laid, 1821.
 Eustachius died, 1574.
 Rolando born, 1773.
 Montreal Medical Institution became Med. Faculty, 1889.
 Examination in Medical Jurisprudence.

Library.

LIST OF DONATIONS TO THE MEDICAL FACULTY'S LIBRARY DURING THE PAST YEAR.

Presented by Summer Session Staff.

- Marshall.....Anatomy of the Frog.
Aristotle.....History of Animals.
Savage.....On Insanity.
Granville.....On Gout.
Heiberg's.....Cutaneous Nerve Supply.
Barnes'.....System of Midwifery. Vol. III.
Gowers.....On Diseases of Brain and Spinal Cord.
Brunton's.....Pharmacology and Therapeutics.
Butlin.....On Diseases of the Tongue.
Butlin.....Sarcoma and Carcinoma.
Garrod's.....Materia Medica.
MacCormac's.....Operative Surgery.
West.....Diseases of Children. 7th Edition.
Tuke.....The Insane in Canada and United States.
Cripp.....Diseases of the Rectum.
Stewart's.....Diseases of the Nervous System.
Wilks'.....Diseases of the Nervous System.
Watts'.....Dictionary of Chemistry. 11 vols.

By Dr. Stewart.

- Berliner Klinische Wochenschrift. 6 vols.

Presented by the Graduates.

- Gruber's Beobachtungen an der Mensch. Anatomie. Hft. VI.
Bettany's Medical Biographies. 2 vols.
Life of Sir Robert Christison, Bart., M.D. vol. 1
Klaus' Zoology, by Sedgewick. 2 vols.
Eckers' Anatomy of the Frog. 3 parts.
Livon's Vivisection. 1 vol.
Marey's Methode Graphique. 1 vol.
Bernard's Physiologie Operatoire. 1 vol.
C. Hilton Fagge's Practice of Medicine. 2 vols.
Wormley's Micro-Chemistry of Poisons. 1 vol.

Governing Body of the University.

VISITOR:

HIS EXCELLENCY THE RIGHT HON. THE MARQUIS OF
LANSDOWNE, G.C.M.G.

GOVERNOR GENERAL OF CANADA, &c.

GOVERNORS:

[*Being the Members of the Royal Institution for the Advancement of Learning.*]

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JOHN H. R. MOLSON, Esq.

THE HON. FREDERICK W. TORRANCE, M.A., B.C.L.

THE HON. SIR ALEXANDER T. GALT, G.C.M.G.

JOHN MOLSON, Esq.

JOSEPH HICKSON, Esq.

THE HON. ROBERT MACKAY.

THE HON. JOHN J. C. ABBOTT, D.C.L., Q.C.

ROBERT A. RAMSAY, M.A., B.C.L.

WILLIAM C. McDONALD, Esq.

HUGH McLENNAN, Esq.

GEORGE HAGUE, Esq.

THE HON. DONALD A. SMITH.

(The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University.)

PRINCIPAL:

SIR WILLIAM DAWSON, M.A., LL.D., F.R.S., C.M.G., *Vice-Chancellor.*

(The Principal has, under the Statutes, the general superintendence of all affairs of the College and University, under such regulations as may be in force.)

FELLOWS:

VEN. ARCHDEACON LEACH, M.A., D.C.L., LL.D., Vice Principal and Dean of the Faculty of Arts.

HENRY ASPINWALL HOWE, LL.D., Governors' Fellow.

REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

- ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts,
Governors' Fellow.
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- REV. HENRY WILKES, M.A., D.D., LL.D., Professor of Theology, Congrega-
tional College of British North America.
- REV. D. H. MACVICAR, D.D., LL.D., Principal of the Presbyterian College,
Montreal.
- JOHN REDPATH DOUGALL, M.A., Representative Fellow in Arts.
- WILLIAM H. KERR, Q.C., D.C.L., Dean of the Faculty of Law.
- REV. J. CLARK MURRAY, LL.D., Elective Fellow, Faculty of Arts.
- HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.
- BERNARD J. HARRINGTON, B.A., Ph.D., Elective Fellow, Fac. App.
Science.
- REV. E. I. REXFORD, B.A., Governors' Fellow.
- REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.
- REV. CANON HENDERSON, M.A., Principal of the Montreal Diocesan Theo-
logical College.
- REV. GEORGE DOUGLAS, LL.D., Principal of the Montreal Wesleyan
Theological College.
- CLEMENT H. MCLEOD, M.A., Representative Fellow in Applied Science.
- J. S. ARCHIBALD, M.A., B.C.L., Elective Fellow, Faculty of Law.
- GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine.
- JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.
- REV. R. W. NORMAN, M.A., D.C.L., Chairman of Protestant Board of School
Commissioners.
- R. P. HOWARD, M.D., LL.D., Dean of Faculty of Medicine.
- S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.
- A. W. BANNISTER, B.A., Principal of St. Francis College.
- FREDERICK W. KELLY, B.A., Ph.D., Representative Fellow in Arts.
- REV. JAMES BARCLAY, B.A., Governors' Fellow.
- M. M. TAIT, B.C.L., Q.C., Representative Fellow in Law.
- ROBERT CRAIK, M.D., Representative Fellow in Medicine.
- THOMAS A. RODGER, M.D., Representative Fellow in Medicine.
- JEFFREY H. BURLAND, B.A.Sc., Representative Fellow in Applied
Science.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters, and to grant Degrees.)

SECRETARY, REGISTRAR AND BURSAR:

[And Secretary of the Royal Institution.]

- WILLIAM CRAIG BAYNES, B.A., Cantab; Residence and Office, East
Wing, McGill College; office hours, 10 to 2.
- JAMES W. BRACKENRIDGE, B.C.L., Clerk; Residence, 3 Victoria Street;
office hours, 9 to 5.

General Statement.

SESSION OF 1886-87.

The Fifty-fourth Session of the University, being the Thirty-fourth under the amended Charter, will commence in the Autumn of 1886.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

I.—MCGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDA SPECIAL COURSE IN ARTS provides for the education of women, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.*

II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, Quebec.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)

ST. FRANCIS COLLEGE, Richmond.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada.

THE DIOCESAN COLLEGE OF MONTREAL.

THE WESLEYAN COLLEGE OF MONTREAL.

IV.—AFFILIATED SCHOOLS.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

THE MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL are Elementary Schools, divided into a Boys' Department, Girls' Department, and Primary School.

COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS may be affiliated in so far as regards Matriculation in Arts and Applied Science, under the University regulations. The following are at present so recognised :—

Prince of Wales College, Charlottetown, P.E.I.; Collegiate Institute, Hamilton, Ont.; Canadian Literary Institute, Woodstock, Ont.; High School, Montreal; Bishop's College School, Lennoxville; Girls' High School, Montreal; Lachute Academy; Knowlton Academy; Waterloo Academy; Lincoln College, Sorel; Cowansville Academy; Hawkesbury High School; Charleston Academy, Hatley.

* Information respecting the Faculties and Departments will be found in the General Calendar of the University, and in the special announcements.

Faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty.

EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., Materia Medica, 84 St. Famille Street.

DUNCAN C. MACCALLUM, M.D., Midwifery, 45 Union Avenue.

ROBERT CRAIK, M.D., Chemistry, Treasurer of the Faculty, 2 Cathcart Street.

JOSEPH MORLEY DRAKE, M.D., Institutes of Medicine, Abbotsford, Que.

PROFESSORS.

R. PALMER HOWARD, M.D., LL.D., Dean of the Faculty, and Professor of Medicine, 47 Union Avenue.

G. E. FENWICK, M.D., Professor of Surgery, 1404 St. Catherine Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE ROSS, M.A., M.D., Professor of Clinical Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynæcology, 109 Union Avenue.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy and Librarian of the Faculty, 85 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otolaryngology, 838 Dorchester Street.

ARTHUR A. BROWNE, B.A., M.D., Professor of Midwifery and Diseases of Infancy, 82 University Street.

JAMES STEWART, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 873 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany, 74 Shuter Street.

R. L. MACDONNELL, B.A., M.D., Professor of Hygiene, and Demonstrator of Anatomy, 117 Metcalfe Street.

T. WESLEY MILLS, M.A., M.D., Professor of Physiology.

DEMONSTRATORS, INSTRUCTORS, &c.

WILLIAM R. SUTHERLAND, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue.

ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

ROBT. J. B. HOWARD, B.A., M.D., Assistant Demonstrator of Anatomy, 47 Union Avenue.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, 71 Beaver Hall Hill.

R. F. RUTTAN, B.A., M.D., Assistant to Prof. of Chemistry, 71 Beaver Hall Hill.

C. E. CAMERON, M.D., Registrar and Clinical Instructor to the University Maternity, 87 Mansfield Street.

JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 59 Beaver Hall Hill.

BENEFACTORS OF THE Faculty of Medicine.

I.—LEAN CHOIL ENDOWMENT.

Honorable Donald A. Smith..... \$50,000

II.—CAMPBELL MEMORIAL ENDOWMENT.

Established to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

Mrs. G. W. Campbell	\$2,000	John Rankin, Esq.	\$500
H. A. Allan	1,500	Cantlie, Ewan & Co.	500
Hon. D. A. Smith	1,500	Robt. Reford	500
George Stephen, Esq.	1,000	J. & W. Ogilvie	500
R. B. Angus, Esq.	1,000	Randolph Hersey, Esq.	500
George A. Drummend, Esq.	1,000	John A. Pillow, Esq.	500
Alex. Murray, Esq.	1,000	S. Carsley, Esq.	500
Robt. Moat, Esq.	1,000	D. C. MacCallum, M.D.	500
W. C. McDonald, Esq.	1,000	McLachlan Bros.	500
A Friend	1,000	S. Greenshields, Son & Co.	500
Duncan McIntyre, Esq.	1,000	Jonathan Hodgson, Esq.	500
Alex. Buntin, Esq.	1,000	Duncan McEachran, Esq.,	
A. F. Gault, Esq.	1,000	F.R.C.V.S.	500
M. H. Gault, Esq.	1,000	Geo. Ross, M.D.	500
G. W. Stephens, Esq.	1,000	T. G. Roddick, M.D.	500
Jame. Benning, Esq.	1,000	Wm. Gardner, M.D.	500
R. P. Howard, M.D.	1,000	G. P. Girdwood, M.D.	500
Frank Buller, M.D.	1,000	G. E. Fenwick, M.D.	500
G. B. & J. H. Burland, Esqrs.	1,000	Alex. Ramsay, Esq.	500
Miss Elizabeth C. Benny	1,000	Cochrane, Cassils & Co.	500
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Hon. John Hamilton	1,000	R. W. Shepherd, Esq.	500
Miss Orkney	1,000	Miles Williams, Esq.	500
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Hector McKenzie, Esq.	1,000	John Kerry, Esq.	250
Thomas Workman, Esq.	1,000	A. Baumgarten, Esq.	250
Hugh McLennan, Esq.	1,000	V. R. Elmenhorst, Esq.	250
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Alex. Urquhart, Esq.	500	F. J. Shepherd, M.D.	250
E. K. & G. A. Greene, Esqrs.	500	Benj. Dawson, Esq.	200
R. A. Smith, Esq.	500	R. Wolff, Esq.	150
Geo. Hague, Esq.	500	James Stewart, M.D.	150
J. K. Ward, Esq.	500	Mrs. Cuthbert (New Richmond,	
Warden King, Esq.	500	Q.)	100
John Stirling, Esq.	500	J. M. Drake, M.D.	100

H. W. Thornton, M.D. (New Richmond, Q.).....	\$100	T. J. Alloway, M.D.....	\$25
A. T. Paterson, Esq.....	100	K. F. Rinfret (Quebec).....	20
M. E. David, Esq.....	100	Robert Howard, M.D. (St. Johns).....	20
C. B. Hanvey, M.D. (Yale, B.C.).....	100	Dr. J. & D. J. McIntosh (Van-kleek Hill).....	20
D. Cluness, M.D. (Nanaimo, B.C.).....	100	J. E. Brouse, M.D. (Prescott)..	20
W. Kinloch, Esq.....	100	J. H. McBean, M.D.....	15
Hua & Richardson.....	100	J. C. Rattray, M.D. (Cobden, O.).....	10
Hugh Paton, Esq.....	100	J. H. Howard, M.D. (Lachine).	10
R. T. Godfrey, M.D.....	100	J. W. Oliver, M.D. (Clifton, O)	10
T. A. Rodger, M.D.....	100	D. A. McDougall, M.D. (Ottawa, O.).....	10
W. A. Dyer, Esq.....	100	A. Pousette, M.D. (Sarnia, O.).	10
Geo. Wood, M.D. (Fairbault, Min.).....	100	A. Ruttan, M.D. (Napance, O.)	10
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R. L. MacDonnell, M.D.....	100	W. J. Derby, M.D. (Rockland, O.).....	5
Joseph Workman, M.D. (Toronto).....	50	J. Gillies, M.D. (Teeswater, O.)	5
Sir A. T. Galt.....	50	J. B. Benson, M.D. (Chatham, N.B.).....	5
Henry Lunam, B.A., M.D. (Campbellton, N.B.).....	50	L. A. Fortier, M.D. (St. David, Q.).....	5
Griffith Evans, M.D. (Vet. Department, Army).....	25	J. A. McArthur, M.D. (Port Elgin, O.).....	5
J. J. Farley, M.D. (Belleville) .	25	John Campbell, M.D. (Seaforth, O.).....	5
Henry R. Gray, Esq.....	25		
Louis T. Marceau, M.D. (Napierville, Q).....	25		
R. J. B. Howard, M.D.....	25		

McGill University.—Faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1886-87.

A. M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene, and or 3d Year.
10	* Practical Chemistry, 1st and Year, till 12 o'clock.	Practical Chemistry, II. Botany, 1st Year.	Practical Chemistry, 1st and Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 1st and Year.	Practical Chemistry: Practical Physiology, Histology Demonstration.
11	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.	Out-Patients, Montreal Gen'l Hospital.
P. M. 2	Physiology Examination.	Physiology.	Physiology.	Physiology.	Histology, 1st Year. Lecture.	
3	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
4	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics.	Practical Physiology, 1st and Year.
4 to 6		Practical Histology.		Practical Histology.		
10 to 12 A.M.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

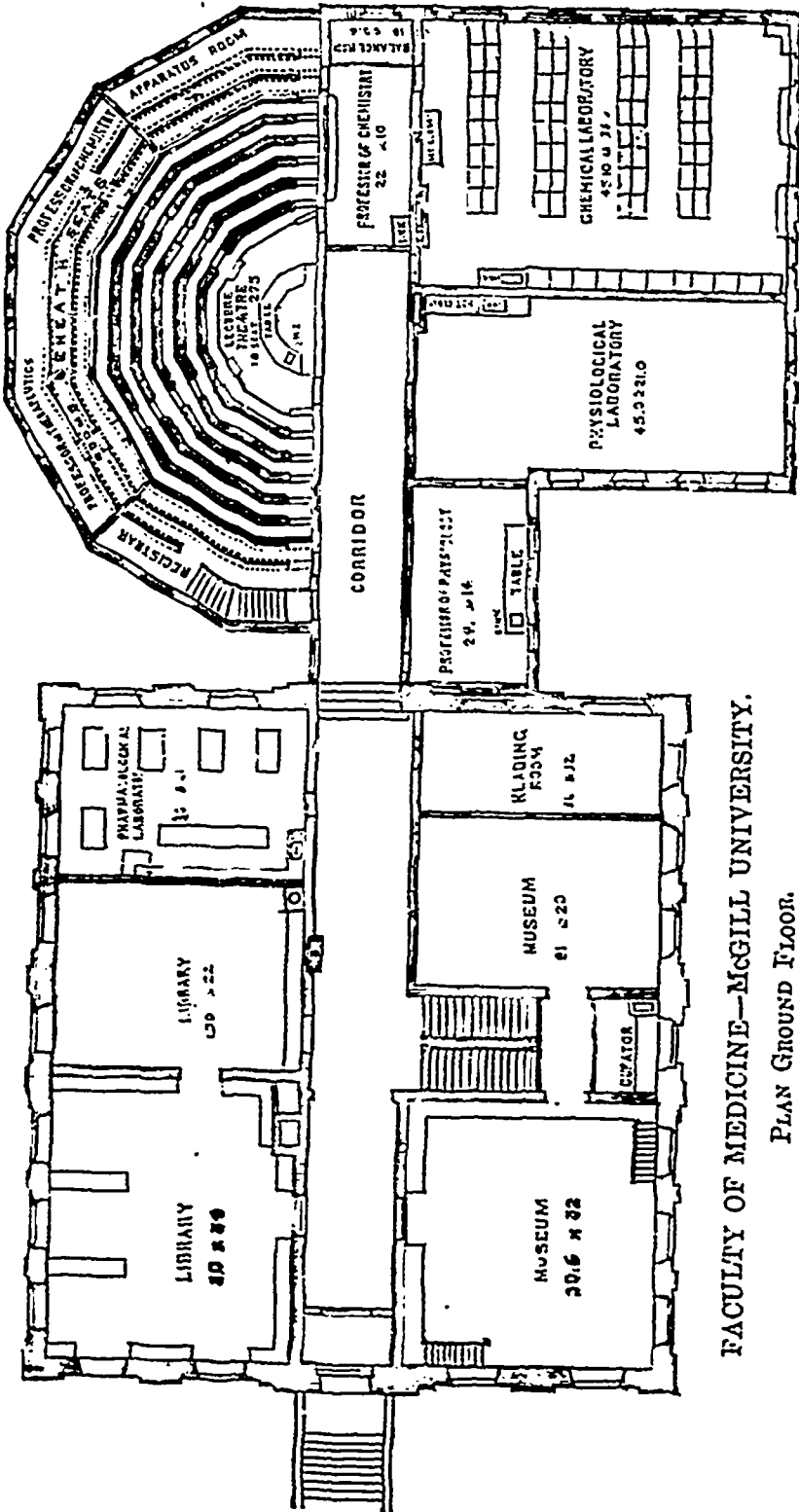
N. B.—The Demonstrator's Hours in the Dissecting Room are from 10-12 a. m., and from 8-10 p. m. * Until Christmas only.

McGill University.—Faculty of Medicine.

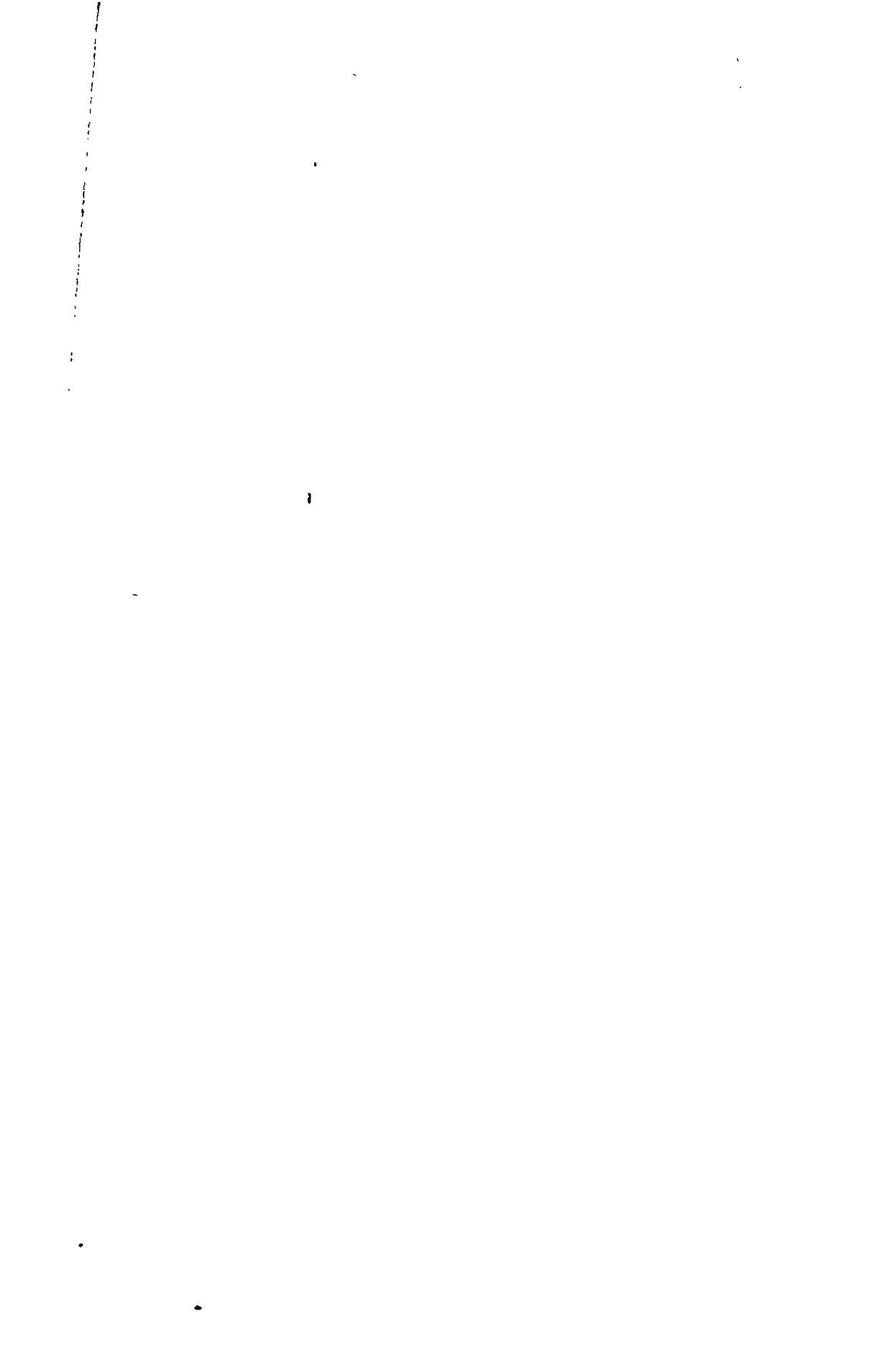
TIME TABLE—THIRD AND FOURTH YEARS, 1886-87.

A. M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Midwifery.	Gynaecology.	Midwifery.	Gynaecology.	Midwifery.	
10	Surgery, Examination.	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
11	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	
P. M. 1-2.30	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.	Medical Clinic, 4th Year. Surgical Clinic, 3rd Year.	Surgical Clinic, 4th Year. Medical Clinic, 3rd Year.
1		Clinic on Diseases of Children.		Clinic on Diseases of Children.		Clinic on Diseases of Children.
2					Skin Clinic.	
2.30			Neurological Clinic.			
2.30	Ophthalmic Clinic.		Ophthalmic Clinic.		Ophthalmic Clinic.	
4	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics.	
4	Gynaecological Clinic.	General Pathology.	Gynaecological Clinic.	Lecture on Ophthalmology.	Gynaecological Clinic.	

Autopsies are performed at the General Hospital between 12 and 2 p. m.



FACULTY OF MEDICINE—MCGILL UNIVERSITY.
PLAN GROUND FLOOR.



Faculty of Medicine.

THE PRINCIPAL (ex-officio).

Professors :

WRIGHT.	GIRDWOOD,	BROWNE,
HOWARD,	ROSS,	STEWART,
MACCALLUM,	RODDICK,	WILKINS,
CRAIK,	GARDNER,	PENHALLOW,
FENWICK,	SHEPHERD,	MACDONNELL,
DRAKE,	BULLER,	MILLS.

Dean.—R. P. HOWARD, M.D.

Registrar.—J. STEWART, M.D.

The Fifty-fourth Session of the Faculty will be opened on Friday, October 1st, 1886, by an introductory lecture at 3 p.m. The regular lectures will begin on October 4th, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the 54th Session of the Faculty. In reality this is the 58th Session of the school, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened during the past Session, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments, kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocords, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations.

Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscopes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of

microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research.

The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

It affords the Faculty great satisfaction to be able to announce that their efforts to secure an endowment have been successful. As shown by the lists on a previous page, over \$50,000 have been subscribed to the Campbell Memorial Fund; and the Hon. Donald A. Smith, on August 1st, 1883, redeemed his promise by handing over to the Governors for the use of the Faculty \$50,000, to be known as the "Leancoil Endowment."

The Faculty take this opportunity of publicly expressing its sincere thanks to the benefactors to whom the University and the cause of Medical education are thus indebted. It is also extremely gratifying to the Faculty to feel that the memory of its late Dean should have received such a lasting tribute, and that his name should be thus permanently associated with the school he loved, as well as through the liberal gift of Sir George Stephen, Bart., with the Hospital he so long served.

I.

MATRICULATION.

It is very important that intending Students should bear in mind the following:—

(1.) *If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies.*

(2.) *If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies.*

(3.) *Residents of the Maritime Provinces, and of Manitoba, may present themselves before the Local Medical Boards for the Preliminary Examination. Where the Examination and Standard are equivalent to those of this University, a certificate (bearing the standing of the candidate in the various subjects) will be accepted, and the student may register without further examination or fee.*

Graduates in Arts are exempt from the Matriculation.

(A).—UNIVERSITY MATRICULATION EXAMINATION.

Students have the option of passing either the Arts or Medical Matriculation of this University. The latter is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith will be held the last Friday and Saturday in March and the third Friday and Saturday in September of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.* (2) English History. (3) Modern

* The ability of the candidate will be fully tested in the following;—“(1) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation;

Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French. (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany. (h) Elementary Chemistry.

TEXT-BOOKS.—Latin,—Cicero, Orations 1 and 2 against Cataline; or Virgil, *Æneid*, Bk. I.

GREEK.—Xenophon, *Anabasis*, Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's *Physics*.

BOTANY.

ELEMENTARY CHEMISTRY.

(B).—MATRICULATION EXAMINATION

OF THE

COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

COMPULSORY SUBJECTS.

LATIN.—Cæsar's *Commentaries*, Book V.—Virgil's *Æneid*, Book V.
—The *Odes* of Horace, Book I.

ENGLISH.—Sprague's "Six Selections from Washington Irving's *Sketch Book*."—A play of Shakespeare, viz., "The *Tempest*," for 1884; *Richard III.*, for 1885; and "The *Midsummer Night's Dream*," for 1886.

FRENCH.—Fénélon's "Aventures de *Télémaque*."—A French play, viz., Corneille's "Le *Cid*," 1884; Molière's "Le *Misanthrope*," 1886, and Racine's "Esther" for 1887.

(3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use."

BELLES LETTRES.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, and Louis XIV. in France.

HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.

GEOGRAPHY.—A general view, with particular knowledge of England, France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.

GEOMETRY.—Euclid, Books I., II., III., or the portion of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

OPTIONAL SUBJECTS.

GREEK.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I.

PHYSICS.—Outlines of the subject, as in Ganot's Physics, translated by Atkinson.

PHILOSOPHY.—Elements of Logic and of Moral Philosophy, as in Jevon's Logic and Calderwood's Hand-book of Moral Philosophy.

The Examinations will be held upon the 18th of September, 1886, at Quebec, and on the 7th of May, 1887, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the 4th year.

(c).—MATRICULATION EXAMINATION

OF THE

COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

Every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar the official certificate of having passed the 3rd class non-professional examination with Latin; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass this Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

 II.
ENREGISTRATION AND PAYMENT OF FEES.

The following are the University Regulations:—

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall pay a fee of \$5; excepting in the Clinical Classes, in which Enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of October in each year. The fees are payable to, and all class tickets will be issued by, the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

COURSES OF LECTURES.

ANATOMY.

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824.

WILLIAM E. SCOTT, 1856.

OLIVER T. BRUNEAU, 1842.

FRANCIS J. SHEPHERD, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

PRACTICAL ANATOMY.

Demonstrator - - - - RICHARD L. MACDONNELL.

Assistant Demonstrator - - (WILLIAM R. SUTHERLAND.
(R. J. B. HOWARD.

Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting Room is open from 8 a.m. to 10 p.m.; the Demonstrators' hours are from 10 to 12 a.m., and 8 to 10 p.m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Every Student must be examined *at least* three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Abundance of material provided.

CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

ANDREW F. HOLMES, 1824.

WILLIAM SUTHERLAND, 1849.

ARCHIBALD HALL, 1842.

ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology.

The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or his Assistant.

PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

Assistant, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., he will require to use in practice. He is required before finishing his course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

PHYSIOLOGY.

PROFESSOR T. W. MILLS.

JOHN STEPHENSON, 1824.

WILLIAM FRASER, 1849.

STEPHEN C. SEWELL, 1842.

JOSEPH M. DRAKE, 1872.

ROBERT L. MACDONNELL, 1845.

WILLIAM OSLER, 1874.

T. W. MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology; its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

As during the past two years, in addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

Laboratory work for Senior Students:—

(1.) During the first part of the Session there will be an optional course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided. Fee \$6.

(2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.* There will be no extra fee for this part of the course.

As far as possible senior Students who do not share in the above courses will be given an opportunity to take some practical part in the physiological work.

HISTOLOGY.

PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstration with the Microscope. As the demonstrations will be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

Practical Histology.—This is an optional course given by Prof. Wilkins for the purpose, more especially, of teaching Microscopy. It will consist of twenty-five lessons of two hours each. Each Student will be provided with a Microscope and shewn how to use it, and also how to cut, stain and mount specimens for microscopical investigation.

For the purpose of enabling students to observe the different effects of staining, &c., on diseased and healthy structures, a few diseased specimens will be given them to prepare, at the latter part of the course. Students are at liberty to keep all the specimens they prepare. One of the great advantages of this course is that Students

* In selecting those who shall join in this course, preference will be given to Students who take the laboratory work in physiological chemistry, and such as have been most devoted and successful in the pursuit of Physiology during their first year.

will be able to collect a cabinet of 100 or more specimens for reference at any time ; these, besides being of great help to them during their College course, they will find especially useful when in active practice for the purpose of comparison with diseased growths. Reagents, and everything except cover-glasses and cabinet cases, provided. Fee, \$12.

THE MICROSCOPE IN MEDICINE.

DRS. WILKINS and W. G. JOHNSTON.

This is an optional class for third and fourth year Students, and has been divided into two courses. (1) Pathological Histology, 20 lessons (two hours each) given during the winter, in which special attention will be paid to the microscopical study of pathological anatomy, and methods of preparing specimens. Each student will prepare and mount for himself a cabinet of 100 specimens illustrating all the principal lesions of disease. (2) Clinical Microscopy, 20 lessons in the summer session, affording a systematic training in the use of the microscope in the diagnosis of disease, the examination of urine, sputum, blood, pus, tumors and parasites of all kinds. Fee for either course alone \$12, for both courses \$18.

PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

ANDREW F. HOLMES, 1824.

A. HALL, 1849.

ARCHIBALD HALL, 1835.

WILLIAM WRIGHT, 1854.

STEPHEN C. SEWELL, 1842.

JAMES STEWART, 1883.

The course on this subject deals for the most part with the pharmacology and therapeutics of the different medicinal agents. A good deal of attention will be given to the "untoward effects" of drugs, and when possible these effects will be illustrated by the exhibition of living specimens.

The leading officinal agents of the British Pharmacopœia will be fully considered, as will also those drugs of recent introduction into practice which have been found useful, but have not, as yet, found their way into the Pharmacopœia. The following groups of medicinal agents will, on account of their great importance, receive special attention:—1, Cardiac Tonics ; 2, Cardiac Depressants ; 3,

Motor Stimulants ; 4, Motor Depressants ; 5, Anæsthetics ; 6, Analgesics ; 7, Mydriatics ; 8, Alteratives ; 9, Hæmatinics ; 10, Astringents ; 11, Purgatives ; 12, Digestants ; 13, Nutritives ; 14, Antiseptics ; 15, Antipyretics ; 16, Diuretics.

Electro-therapeutics will also be dealt with.

MEDICINE.

PROFESSOR R. PALMER HOWARD.

WILLIAM CALDWELL, 1824.

ANDREW F. HOLMES, 1842.

WILLIAM ROBERTSON, 1833.

R. PALMER HOWARD, 1860.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

CLINICAL MEDICINE.

PROFESSOR GEORGE ROSS.

JAS. CRAWFORD, 1845 and 1852.

R. PALMER HOWARD, 1856.

ROBT. L. MACDONNELL, 1849.

DUNCAN C. MACCALLUM, 1860.

STEPHEN C. SEWELL, 1850.

JOSEPH M. DRAKE, 1868.

GEORGE ROSS, 1872.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bed-

side, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824.

G. W. CAMPBELL, 1835.

GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclise's plates are used in illustration.

CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

JAMES CRAWFORD, 1845.

ROBERT CRAIK, 1860.

WILLIAM E. SCOTT, 1852.

GEORGE E. FENWICK, 1867.

DUNCAN C. MACCALLUM, 1856.

THOMAS G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is

separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

MIDWIFERY.

PROFESSOR A. A. BROWNE.

WILLIAM ROBERTSON, 1824.	MICHAEL McCULLOCH, 1842.
JOHN RACEY, 1833.	ARCHIBALD HALL, 1854.
GEO. W. CAMPBELL, 1835.	DUNCAN C. MACCALLUM, 1868.
A. A. BROWNE, 1883.	

This course will embrace : 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, &c. 2. Bedside instruction in the University Maternity, including the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved foetuses, in which each final student will perform the various manipulations and operations. 4. The Diseases of Infancy.

GYNÆCOLOGY.

PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order :—Disorders of Menstruation ; Leucorrhœa, its causes and treatment ; Pelvic Cellulitis and Peritonitis ; Lacerations of the

Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.

R. PALMER HOWARD, 1854.

FRANCIS BADGLEY, 1849.

DUNCAN C. MACCALLUM, 1860.

FRANCIS C. T. ARNOLDI, 1850.

GEORGE E. FENWICK, 1867.

WILLIAM E. SCOTT, 1851.

WILLIAM GARDNER, 1875.

WILLIAM WRIGHT, 1852.

GEORGE WILKINS, 1883.

This course is delivered only during the summer session. It includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearance, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1833.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general prin-

ciples of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

HYGIENE.

PROFESSOR R. L. MACDONNELL.

GEORGE ROSS, 1871.

ROBERT T. GODFREY, 1875.

THOS. G. RODDICK, 1873.

WILLIAM GARDNER, 1879.

R. L. MACDONNELL, 1886.

This course of Lectures will be delivered during the summer session only. It comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

BOTANY.

PROFESSOR D. P. PENHALLOW.

ANDREW F. HOLMES, 1829.

DR. PAPINEAU, 1845.

JAMES BARNSTON, 1857.

J. W. DAWSON, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.*

* Exemptions from Botany in the Matriculation, for Arts Students, do not entitle Students to exemptions in the First year.

ZOOLOGY.*PROFESSOR SIR WILLIAM DAWSON.*

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palæontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

PATHOLOGY.*W. G. JOHNSTON, DEMONSTRATOR.*

This Course comprises :—

1. Twenty lectures on General Pathology to students of the 3rd year.
2. Pathological Demonstrations weekly—Saturday at 10 a.m. Specimens of all kinds collected during the week, and their gross and microscopic appearances are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.
3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

Extracts from the University Regulations with respect to the Courses of Lectures:—

- 1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.
- 2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.

4th. A roll of the names of the Students attending such class shall be called from time to time.

IV.

QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz. :—

ANATOMY.	}	Of which Two Courses will be required of Six Months' duration.
PRACTICAL ANATOMY.		
PHYSIOLOGY.		
CHEMISTRY.		
MATERIA MEDICA AND THERAPEUTICS.		
PRINCIPLES AND PRACTICE OF SURGERY.		
MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.		
THEORY AND PRACTICE OF MEDICINE.		
CLINICAL MEDICINE.		
CLINICAL SURGERY.		
MEDICAL JURISPRUDENCE.	}	Of which One Course of Six Months, or Two Courses of Three Months will be required.
PRACTICAL CHEMISTRY.	}	Of which One Course will be required of Three Months' duration.
BOTANY OR ZOOLOGY.		
HYGIENE.		
HISTOLOGY.	}	Ten Lectures and Twenty-five Demonstrations.
GENERAL PATHOLOGY.		Twenty Lectures.

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during

* To be taken after 3rd Winter Session.

eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must, on or before the fifteenth of February, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate:—

MONTREAL, ——— 13—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed),

A.B.

8th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

9th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree:—

SPONSIA ACADEMICA.

In Facultate Medicinæ Universitatis.

Ego, A—— B——, Doctoratus in Arte Medicæ, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitæ halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examination at the close of each Session are arranged as follows :—

First Year.

Pass Examination in HISTOLOGY and BOTANY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSIOLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

Second Year.

Pass Examination in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY and PHYSIOLOGY.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

Third Year.

Pass Examination in PHARMACOLOGY and THERAPEUTICS, MEDICAL JURISPRUDENCE,* HYGIENE and PATHOLOGY.

Fourth Year.

Pass Examination in MEDICINE, SURGERY, OBSTETRICS, CLINICAL MEDICINE, CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

With regard to the Primary Examination at the end of the second year, it remains optional with the Student whether he passes in all the branches or leaves two for the third year. In any case, Chemistry and one other must be taken at the close of the second year.

* The examinations in Hygiene and Medical Jurisprudence are held at the close of the summer session.

VI.

MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

A Prize in Books for the best examination.

* A Prize of \$20 for the best named collection of Canadian plants.

VII.

FEES.

Distributed according to years, the Class Fees are as follows:—

First Year.

Anatomy.....	\$12
Physiology ..	12
Histology.....	6
Chemistry.....	12

* This Prize is open to both Medical and Art Students.

Practical Anatomy	12
Botany	5
Dissecting Material.....	5
Enregistration.....	5
Total.....	<u>\$69</u>

Second Year.

Anatomy	\$12
Practical Anatomy	12
Physiology	12
Chemistry	12
Practical Chemistry	12
Chemical Reagents *.....	3
Materia Medica.....	12
Hygiene	6
Dissecting Material	5
Enregistration	5
Total.....	<u>\$91</u>

Third Year.

Medicine.....	12
Materia Medica	12
Clinical Medicine.....	12
Surgery.....	12
Clinical Surgery	12
Midwifery and Gynecology	12
Medical Jurisprudence	10
Pathology.....	10
Enregistration	5
Total.....	<u>\$97</u>

Fourth Year.

Medicine.....	\$12
Surgery.....	12
Clinical Medicine.....	12
Clinical Surgery	12
Midwifery and Gynecology.....	12
Enregistration	5
Total.....	<u>\$65</u>

HOSPITAL FEES.

Montreal General Hospital, Perpetual Ticket.....	\$20
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* Exigible for Students entering Session 1886-87.

University Dispensary.....	Free
University Maternity.....	8
	<hr/>
Total.....	\$28
Graduation Fee.....	\$30
Matriculation Fee, payable only if the Student takes the University Matriculation	5
Total Collegiate and Hospital expenses, spread over four years, about.....	\$375

It is to be understood that a Student wishing to take any other class than that of his year can do so on payment of the class fee.

*Fees are payable in advance, to the Registrar, at the time of en-
registration.*

VIII.

TEXT BOOKS.

(Prices current in Montreal.)

ANATOMY.—Gray, \$6 ; Wilson, \$4 ; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50 ; Ellis' Dissector, \$4.25 ; Holden's Dissector, \$5 ; and Landmark's, \$1.

PHYSICS.—Balfour Stewart.

INORGANIC CHEMISTRY.—Madan Wilson's ; Millar.

ORGANIC CHEMISTRY.—Armstrong.

PRACTICAL CHEMISTRY.—Odling, \$1.75 ; Galloway, Fresenius, \$5.

PHARMACOLOGY and THERAPEUTICS.—Wood, \$6 ; Lauder Brunton, \$6 ; Scoresby Jackson, \$3.75 ; Whitla, 3.50 ; and Bruce

PHYSIOLOGY.—Huxley's *Elementary Lessons*, \$1.35 ; Yeo ; Foster, \$3.25 ; Dalton, \$5.

PATHOLOGY.—Virchow on Post-Mortems, \$1 ; Green, \$2.50.

HISTOLOGY.—Klein's Elements, \$1.50 ; Schäfer's Essentials of Histology.

SURGERY.—Holmes' Surgery (Eng. Ed.) \$9; Erichsen, \$8.50; Druitt, \$4; Bryant, \$6.50.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5; Bristowe, \$5; DaCosta, \$6; Fagge.

FOR REFERENCE.—Pepper's System of Medicine.

CLINICAL MEDICINE.—Graham Brown's Manual of Diagnosis, \$3.25; Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.60; and Loomis on Physical Diagnosis, \$3.00.

MEDICAL JURISPRUDENCE.—Husband, \$3.25; Guy and Ferrier, \$3.75.

MIDWIFERY.—Lusk, \$5; Playfair, \$4; or Leishman, \$4.50.

GYNÆCOLOGY.—Edis, \$3; Goodell's Lessons, \$4; Hart and Barbour's Manual, \$7.50; Thornburn.

HYGIENE.—Parks, \$5.50; Wilson (Eng. Ed.) \$3.25.

BOTANY.—Gray's Text Book of Histology and Physiology.

ZOOLOGY.—Sir William Dawson's Handbook of Canadian Zoology.

IX.

MUSEUM.

Most of the usual Pathological Specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-maché models.

During the past few years numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also

found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

Specimens representing morbid alterations of the liver, including Cirrhosis (a beautiful specimen of the Hypertrophic form, weighing $9\frac{1}{2}$ lbs.), Hydatids, Cancer, Abscess, Suppurative Hepatitis following Aneurism of the Hepatic Artery. This section also contains a large number of Biliary Calculi.

Intestines and Peritoneum.—Specimens illustrating the Morbid Anatomy of Typhoid Fever, Tropical Dysentery, Ulceration, and Malignant Disease.

Urinary Organs.—Besides the various forms of Bright's Disease, there are a number of specimens of Surgical and Cystic Kidneys, together with two specimens of Myelo-Sarcoma. A cabinet of Urinary Calculi, collected by Dr. Fenwick, is the property of the Museum.

Bones and Joints.—During the past year the faculty have made very extensive additions to the specimens illustrating diseases of the bones and joints.

Nervous System.—In this section are included a most beautiful collection of Brains prepared by Dr. Osler after the method of Giacomini. Besides those illustrating pathological defect, there are specimens of the brains of horse, cow, dog, cat, pigeon, goose, lion, bear, seal, &c.

The Museum also contains a small collection of human abnormalities made by Dr. Shepherd during the time he was Demonstrator of Anatomy.

X.

LIBRARY.

The Library of the Medical Faculty now comprises upwards of ten thousand volumes, the largest special library connected with any medical school on this continent.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

XI.

M'GILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

XII.

COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

XIII.

HOSPITALS.**Montreal General Hospital.**

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,347 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from sixty to seventy daily—supply illustrations of

most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians and Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

Montreal Dispensary.

ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily.

University Maternity Hospital.

The Faculty have great pleasure in announcing that the Corporation of the University Maternity have in contemplation the erection of a large and comfortable maternity building. It will be constructed with all those modern improvements which science and experience have demonstrated to be of value in this class of buildings. Students will in future, therefore, have much more abundant opportunities for becoming practically acquainted with Midwifery practice. The Maternity will, as in the past, be under the direction of the Professor of Midwifery, and Students who have already attended one course of his lectures will be furnished with cases in rotation. They are advised to attend this Institution as much as possible during the summer, when, since there are as many patients and not so many pupils as in winter, a larger proportion of cases falls to the share of each.

University Dispensary.

This Dispensary is a pure Polyclinic, being used only for the teaching of special departments of Practical Medicine and Surgery. Instituted a number of years ago, it has been found very successful, fulfilling the aims of the University in giving Students special training in certain branches not elsewhere so readily obtainable. At the present time there are three special Clinics connected with this Dispensary.

Diseases of Children.—The Clinic is on Tuesdays, Thursdays and Saturdays at 1 p.m., when the patients are seen and instruction given on the cases.

Diseases of the Skin.—The Surgeon in charge will attend every

Friday at 2 p.m. Arrangements will be made whereby a limited number of students can be present on each occasion.

Diseases of the Nervous System.—The Physician in charge will attend every Monday and Friday at 11 a.m. Students will have an opportunity in this Clinic of seeing and examining many of those obscure and chronic diseases of the brain and spinal cord which are now attracting so much attention in the medical world.

XIV.

STUDENTS' APPOINTMENTS.

General Hospital—Three Resident Medical Officers.

University Maternity.—One Resident Medical Officer.

Out-door Dressers.

Dressers in Eye and Ear Department.

Surgical Dressers (In-door).

Medical Clinical Clerks.

Post-mortem Clerks.

Clinical Clerk, Gynæcology.

“ “ Laryngology.

“ “ Diseases of Children.

“ “ Dermatology.

“ “ Diseases of Nervous System.

Student Demonstrators of Anatomy, 4 third-year Students.

Prosectors to Chair of Anatomy, 2.

Assistants in Practical Histology Course, 2.

Assistants in Practical Physiology Course, 4.

Assistants in Practical Chemistry, 2.

XV.

RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the

Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.

3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.

4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

XVI.

PAST SESSION.

The total number of Students enregistered in this Faculty during the past year was 237, of whom there were, from—

Ontario.....	113	West Indies.....	1
Quebec.....	64	England.....	1
Nova Scotia.....	19	British Columbia.....	1
New Brunswick.....	18	Manitoba.....	1
United States.....	9	Asia Minor.....	1
Prince Edward Island.....	6	South America.....	1
Newfoundland.....	2		

The following gentlemen, 53 in number, have passed their Primary Examination on the following subjects: Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany.

Boyd, Jay.....	Vankleek Hill, O.
Berry, R. P.....	Lindsay, O.
Bradley, W. I., B.A.....	Ottawa, O.
Cameron, K.....	Montreal, Q.
Christie, W., B.A.....	Lachute, Q.
Clouston, J. R.....	Leeds, Q.

Conroy, C. P.....	Martintown, Q.
Desmond, F. J.....	Newcastle, N. B.
Donald, W. M.....	Seaforth, O.
Easton, C. L.....	Easton's Corners, O.
Edgar, C. J.....	Napierville, Q.
Fritz, H. D., B.A.....	St. John, N. B.
Gunne, N. D.....	Ailsa Craig, O.
Graham, J.....	Carp, O.
Hall, A. G.....	Franklin Centre, Q.
Hewitt, J.....	Quebec, Q.
Hoare, C. W.....	Strathroy, O.
Hopkins, H. J.....	Cookshire, Q.
Hubbard, O. H.....	Gilsam, N. H., U. S.
Kennedy, J. H.....	Lindsay, O.
Kenney, F. L., B.A.....	St. John, N. B.
Kincaid, R. M.....	Clarenceville, O.
Kirkpatrick, E. A.....	Kentville, N. S.
Long, C. H.....	Keswick, Bridge, N. S.
McKinnon, H.....	Alexandria, O.
Macdonnell, A.E. J., B.A.....	Morrisburg, O.
McCarthy, J. G.....	Sorel, Q.
McDonald, Geo.....	Renfrew, O.
McDonald, A. D.....	Wickham, N. B.
McKay, H. H.....	Plainfield, N. S.
McFarlane, M.....	Arnprior, O.
McLennan, D.....	Dunvegan, O.
McMartin, D. R.....	Martintown, O.
McDougall, D. S.....	Russell, O.
Morrow, C.....	Russell, O.
Murray, D.....	Plainfield, N. S.
Orr, A. E.....	Cookshire, Q.
Orr, J. E.....	Mount Elgin, O.
Orton, T. H.....	Hamilton, O.
Park, P. C.....	Durham, O.
Potts, J. M.....	Belleville, O.
Pothier, J. C.....	Woonsocket, R. I., U. S.
Pearman, H. V.....	Halifax, N. S.
Robertson, A. G.....	Iroquois, O.
Schmidt, A. F.....	Montreal, Q.
Stewart, A. D., B.A.....	Arundel, Q.
Springle, J. A.....	Montreal, Q.
Thomas, W. R.....	Elkhart, Man.
Thompson, J. H.....	Gananoque, O.
Weagant, R. A.....	Hoasic, O.
Wetmore, F. H.....	Bloomfield, N. B.

Wilkins, H. P. Toronto, O.
 Wylde, C. F. Halifax, N. S.

The following gentlemen, 46 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:

Armitage, J. H. Newmarket, O.
 Aylen, P. Aylmer, Q.
 Birkett, H. S. Hamilton, O.
 Boggs, G. W. Wolfville, N.S.
 Campbell, A. W. Montreal, Q.
 Cattnach, W. S. Glen Water, O.
 Clarke, J. L. Waterloo, Q.
 Craig, M. A. Glen Water, O.
 Crocket, W. C., B.A. Fredericton, N.B.
 Decow, D. McG. Iona, O.
 Gairdner, T. M. Bayfield, O.
 Gibson, J. B. Cowansville, Q.
 Gladman, G. J. Lindsay, O.
 Graham, J. Carp, O.
 Grant, J. H. Y. Ottawa, O.
 Groves, W. Carp, O.
 Haythorne, T. J., B.A. Charlottetown, P.E.I.
 Hughes, P. H. Strathroy, O.
 Kennedy, R.A., B.A. Cumming's Bridge, O.
 Kinloch, J. A. Montreal, Q.
 Kirkpatrick, R. C., B.A. Montreal, Q.
 Murray, D. Plainfield, N.S.
 McCollum, E. P. Duart, O.
 McCuaig, W. J. Vanleek Hill, O.
 McGannon, T. G. Prescott, O.
 McKay, J. M. River John, N.S.
 Orton, T. H. Hamilton, O.
 Osborne, A. B. Hamilton, O.
 Poole, Alf. Wakefield, O.
 Pomeroy, L. E. Mc., B.A. Tweed, O.
 Pringle, W. R. Cornwall, O.
 Raymond, Alf. Moulinette, O.

Raymond, G. H., B.A.....	Springfield, N.B.
Robertson, F. D., B.A.....	Lennoxville, Q.
Ross, L. F., B.A.....	Montreal, Q.
Rowat, W. M.....	Manotick, O.
Schmidt, A. F.....	Montreal, Q.
Schmidt, A. J.....	Fairbault, Man.
Seery, F. J.....	Fredericton, N.B.
Thomas, W. R.....	Elkhart, Man.
Turnbull, R.....	Russell, O.
White, F. J.....	Greenspond, Nfld.
White, W. W., M.A.....	St. Johns, N. .
Williams, J. F.....	Barrie, O.
Wilson, C. W.....	Cumberland, O.
Worthington, A. N.....	Sherbrooke, Q.

The following have passed in Anatomy :

Bell, J. H.	Berry, J. A.	Beaudry, J. S.
Castleman, A. L.	Chalmers, W. W.	Lafferty, A. M.
Mackinnon, G. W.	Metcalf, F. T.	Porter, J. A.
	Young, H. E.	

The following have passed in Chemistry :

Baer, D. C.	Cameron, J. J.	Castleman, A. L.
Dewar, C. P.	Hall, A. G.	Hubert, P. T. H.
Kerr, Norman	Creasor, J. A.	Campbell, G. G.
McPhail, J. A.	Moffat, Robert	Patton, H. A.
Slater, H.	Taylor, W. B.	Wheeler, C. L.

The following have passed in Practical Chemistry :

Beaudry, J. S.	Bayne, C. W.	Baer, D. C.
Dewar, C. P.	Ellard, J.	Creasor, J. A.
Greene, T. J.	Goodwin, W. W.	Esson, F. G.
Hamilton, A.	Irwin, W. T.	Hubert, P. T. H.
Kerr, Norman	Long, W. M.	Kemp, H. D.
Metcalf, F. T.	Mowatt, M. M.	McCallum, O. H.
McKinnon, G. W.	McDonald, A. L.	Moffat, R.
Slater, H.	Stewart, W. G.	Wheeler, C. L.
	Walker, S. L.	

The following have passed in Materia Medica and Therapeutics :

Alyen, J. P.	Berry, J. A.	Cameron, K.
Cameron, J. J.	Dewar, C. P.	Donald W. M.
Hall, A. G.	Quirk, E. L.	Young, H. E.

The following have passed in Physiology :

Baer, D. C.	Greene, T. J.	Mackinnon, G. W.
Bayne, C. W.	Hubert, P. T. H.	Metcalf, F. T.
Beaudry, J. S.	Kemp, H. D.	Moffatt, M. Mc.
Davis, A. H.	Kerr, Norman.	Quirk, E. L.
Goodwin, W. W.	Long, M. W.	Stewart, W. G.

The following have passed in Medical Jurisprudence :

Aborn, W. H.	Brunette, T. J.	Boone, S. W.
Blackader, E. H. P.	Boggs, G. W.	Boyd, Jay
Berry, J. A.	Brown, V. D.	Christie, W.
Cowie, A. M.	Cameron, K.	Davis, A. H.
Evans, E.	Easton, C. L.	Flagg, J. D.
Edgar, C. J.	Ellis, W. E.	Ferguson, W. D. T.
Fillmore, E. W.	Fraser, J. M.	Hamer, A. L.
Hall, W.	Haentschell, C. W.	Kennedy, R. A.
Haythorne, T. J.	Johnson, J. W.	Lafleur, H. A.
Kirkpatrick, R. C.	Kelly, J. A. A.	Loucks, W. F.
Leslie, A. C.	Lafferty, A. M.	McDonald, D. D.
MacDonald, A. D.	McKinnon, H.	Mackay, Eugene
Murray, D.	McDonald, A. L.	Pothier, J. C.
Norman, T. J.	Pearman, H. V.	Reavely, E.
Pomeroy, L. E. Mc.	Parker, W. D.	Ross, D. L.
Richardson, G. C.	Ross, L. F.	Scully, D. J.
Scott, J. M.	Springle, J. A.	Woodruff, L. A.
Thomas, W. R.	Warreford, P. H.	Young, A. A.
Williams, E. P.		

The following have passed in Hygiene :

Aborn, W. H.	Haentschell, C. W.	Metcalf, F. J.
Boone, S. W.	Hewitt, J.	Norman, T. J.
Brunette, J. T.	Hall, A. G.	Pearman, H. V.
Blackader, E. H. P.	Johnson, J. W.	Pothier, J. C.
Berry, J. A.	Kelly, J. A. A.	Potts, J. M.
Boyd, Jay.	Kerr, N.	Parker, W. D.
Cameron, K.	Lafferty, A. M.	Richardson, G. C.
Davis, A. H.	Leslie, A. C.	Ross, D. L.
Desmond, F. J.	Long, C. H.	Scott, J. M.
Easton, C. L.	Loucks, W. F.	Scully, D. J.
Edgar, C. J.	Lafleur, H. A.	Springle, J. M.
Evans, E. J.	McKinnon, H.	Thomas, W. R.
Ellis, W. E.	McRae, J. C.	Warreford, P. H.
Ellard, J.	Moffatt, R.	Williams, E. P.
Fraser, J. M.	Murray, D.	Woodruff, T. A.
Ferguson, W. D. T.	McCarthy, J. G.	Young, A. A.
Hall, Wm.		

The following have passed in Pathology :

Aborn, W. H.	Blackader, E. H. P.	Boone, S. W.
Boyd, Jay	Christie, W.	Cowie, A. M.
Dickson, J. A.	Evans, E.	Easton, C. L.
Edgar, C. J.	Ellis, W. E.	Flagg, J. D.
Fillmore, E. W.	Fraser, J. M.	Gardner, A. W.
Hall, W.	Haentchell, C. W.	Hamer, A. L.
Haythorne, T. J.	Johnson, J. W.	Kelly, J. A. A.
Leslie, A. C.	Lafferty, A. M.	Loucks, W. F.
McDonald, A. D.	McKinnon, H.	McDonald, D. D.
Murray, D.	McDonald, A. L.	Norman, T. J.
Pearman, H. V.	Pothier, J. C.	Parker, W. D.
Pomeroy, L. E. Mc.	Richardson, G. C.	Ross, D. L.
Reavely, E.	Scully, D. J.	Thomas, W. R.
Warneford, P. H.	Williams, E. P.	Young, A. A.

The following have passed in Physics :

Cameron, J. J.	Beaudry, J. S.	Hamilton, A.
Brunette, J. T.	McGregor, J. G.	Quirk, E. L.
Kerr, Norman	Ellard, J.	Bayne, C. W.

The following have passed in Botany :

Campbell, G. G.	Brown, G. A.	Whyte, J. J.
Garrow, A. E.	Philip, W. S.	Gemmill, E. W.
McKinnon, H.	Holmes, A. D.	McEwen, H.
Taylor, W. B.	Morehouse, O. E.	Martin, J. M.
Smithson, R. H.	Hopkins, T. A.	Travers, J. P.
McCurdy, T.	McDonald, H.	Jayet, A. C.
McLellan, A. A.	Sharks, A. L.	Booth, J. S.
England, W. S.	Yorag, J. W.	Fulton, C.
Aylen, W. W.	Silver, H. J.	Muirhead, D. A.
Delaney, W. J.	Vipond, A. E.	Esson, F. G.
McIntosh, D. H.	McDonald, A.	Irwin, W. T.
Murray, D. A.	Hamilton, A.	Mowat, M. M.
Walker, S. L.	Low, D.	McCallum, O. F.
McKinnon, T. H.	McDonald, P. A.	

The following have passed in Histology :

Aylen, W. W.	Hopkins, T. A.	Metcalf, F. J.
Brown, G. A.	Holmes, A. D.	McLellan, A. A.
Becket, G. G.	Jayet, A. C.	McDonald, H. N.
Brunette, J. T.	Kemp, H.	McRae, J. C.
Beaudry, J. S.	Low, D.	Philp, W. S.
Creaser, J. A.	McKercher, H.	Quirk, E. L.
Campbell, G. G.	Murray, D. A.	Stewart, W. G.

Delaney, W. J.	McIntosh, D. H.	Slater, H. A.
Dewar, C. P.	McCurdy, T.	Shanks, A. L.
England, W. S.	McKinnon, T. H.	Smithson, R. H.
Esson, F. G.	Martin, D. S.	Taylor, W. B.
Fulton, C.	Muirhead, D. A.	Vipond, A. E.
Garrow, A. E.	McDonald, P. A.	Walker, S. L.
Gemmill, E. W.	McEwen, H.	Whyte, J. J.
Greene, T. J.	McDonald, A.	Wheeler, C. L.
Hill, K.	McPhail, J. A.	

MEDALS, PRIZES AND HONOURS.

THE HOLMES GOLD MEDAL FOR THE BEST EXAMINATION IN THE PRIMARY AND FINAL BRANCHES is awarded to Herbert S. Birkett, of Hamilton, Ontario.

THE PRIZE FOR THE BEST FINAL EXAMINATION is awarded to Walter W. White, B.A., of St. John, N.B.

THE PRIZE FOR THE BEST PRIMARY EXAMINATION is awarded to William I. Bradley, B.A., of Ottawa.

THE SUTHERLAND GOLD MEDAL is awarded to William I. Bradley, B.A., of Ottawa.

The following gentlemen, arranged in order of merit, deserve honourable mention :—

In the Primary Examination—H. D. Fritz, B.A., N. D. Gunne, F. L. Kenney, B.A., J. R. Clouston, D. McLennan, R. M. Kincaid, A. D. McDonald, A. D. Stewart, B.A., A. E. Orr, O. H. Hubbard, A. E. Kirkpatrick, J. E. Orr, P. C. Park, and J. H. Kennedy.

FINAL EXAMINATION.—Kennedy, R. A., B. A., McCollum, E. P., Robertson, F. D., B.A., Kirkpatrick, R. C., B.A., Haythorne, T. J., B.A., Crocket, W. C., B.A., Campbell, A. W., Gibson, J. B., Kinloch, J. A., Rowatt, W.M., Turnbull, R., Seery, F. J., Wilson, C. W., Raymond, Alf., Hughes, P. H., Williams, J. F., Pringle, J. R., McCuaig, W. J., Grant, J. H. Y., Gairdner, T. M., Worthington, A. N.

PROFESSOR'S PRIZES.

BOTANY.—Prize, G. G. Campbell, B.Sc.

PRACTICAL ANATOMY.—Demonstrator's Prizes: 2nd year, H. D. Fritz, B.A. 1st year, H. Slater.

CLINICAL MEDICINE.—Junior Class, E. H. F. Blackader, B.A.

MIDWIFERY.—H. S. Birkett, Hamilton, Ont.

SUMMER SESSION.

1886.

The Eleventh Summer Session of the Faculty of Medicine will begin on the 12th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The records of qualifications of candidates for the degree show that nearly all the senior students now take either one or two Summer Sessions, and this is regarded by the Faculty as the best indication that the extension of its work in this direction meets a real want, and is duly appreciated.

During the past Summer Session there was a large attendance, including several from other schools. Students from outside schools are received on the same terms and have all the advantages of regular students.

The special advantages of attendance upon a Summer Session are.—

(1) The benefit derived from the practical and demonstrative classes

(2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.

(3) Cases of Midwifery are obtained in greater number at the University Maternity Hospital.

(4) Systematic study can be carried on more effectively than at home.

(5) The compulsory courses on Hygiene, Medical Jurisprudence and Practical Chemistry can be attended.

During the present and subsequent Summer Sessions the Faculty have decided to open the dissecting room for at least six weeks of the Course.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion.

In the wards of the General Hospital there is always—and more

particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 60 and 70 patients, which affords excellent instruction in Minor Surgery, routine medical practice, and Diseases of Children. The Eye and Ear Department will afford to the student an opportunity for studying practically, under skilled direction, these important branches.

There are now special departments in the Hospital for Gynæcology and for Diseases of the Throat and Nose.

At the University Dispensary special Clinics are devoted to Diseases of Children, Diseases of the Skin, and of the Nervous System.

The Faculty has much pleasure in announcing the following prospectus:—

I.—CLINICAL INSTRUCTION,

Which will comprise:—

A.—Bedside Instruction—

SURGERY.....	{ Dr. Fenwick and Dr. Shepherd.
MEDICINE.....	{ Dr. Wilkins and Dr. R. L. MacDonnell.

B.—Weekly Clinics, in the Theatre of the General Hospital, on—

1. GENERAL SURGERY.....	{ Drs. Fenwick, Roddick and Shepherd.
2. GENERAL MEDICINE.....	{ Drs. Ross, Wilkins, and R. L. MacDonnell.
3. GYNÆCOLOGY.....	Dr. Gardner.
4. DISEASES OF THE EYE AND EAR.....	Dr. Buller.
5. DISEASES OF THE THROAT AND NOSE.....	Dr. Major.
6. DISEASES OF CHILDREN.....	Dr. Blackader.
7. VENEREAL DISEASES.....	Dr. Bell.

C.—Weekly Clinics, at the College, on—

DISEASES OF THE NERVOUS SYSTEM.....	Dr. Stewart.
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D.—Out-Patient Clinics—1. At the General Hospital—

A. GENERAL MEDICINE AND SURGERY..	{ Medical and Surgical Staff.
B. *GYNÆCOLOGY.....	Dr. Gardner.
C. *DISEASES OF EYE AND EAR.....	Dr. Buller.
D. *DISEASES OF THROAT AND NOSE...	Dr. Major.

2. At the University Dispensary—

A. DISEASES OF THE SKIN.....	Dr. Shepherd.
B. DISEASES OF CHILDREN.....	Dr. Blackader.
C. DISEASES OF THE NERVOUS SYSTEM...	Dr. Stewart,

3. At the Montreal Dispensary—

A. GENERAL MEDICINE AND SURGERY..	{ Drs. Stewart, Sutherland & R. J. B. Howard
B. GYNÆCOLOGY....	Dr. Alloway.

* A limited number of students will attend in rotation.

E.—Clinical Instruction in Obstetrics—

At the University Maternity Hospital—

- | | |
|--|------------------------------------|
| 1. THE MANAGEMENT OF CASES OF
LABOUR..... | } Drs. Brown and C. E.
Cameron. |
| 2. THE AFTER CARE OF CASES..... | |

II.—PRACTICAL CLASSES.

- | | |
|---|--|
| *1. Practical Anatomy.—Same as, and may be taken in lieu of a part of the Winter Course | } Drs. R. L. MacDonnell,
Sutherland & R. J. B.
Howard. |
| *2. Practical Chemistry.—Same as, and may be taken in lieu of, the Winter Course. Fee, \$12.00..... | |
| *3. Operative Surgery.—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00..... | } Dr. Shepherd. |
| 4. Operative Ophthalmology.—This will consist in a series of demonstrations on the methods of performing the usual eye operations. Fee, \$2.00..... | |
| 5. Anomalies of Refraction and Accommodation.—A course of four demonstrations, giving practical illustrations of the methods of recognising and treating these conditions..... | } Dr. Buller. |
| 6. Practical Ophthalmoscopy.—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope..... | |
| 7. Obstetrical Operations and Presentations.—A series of practical demonstrations on the cadaver or phantom | } Drs. Brown and C. E.
Cameron. |
| *8. Clinical Microscopy.—Microscopes, Reagents and Material provided. <i>See Prospectus</i> | |
| 9. Laryngoscopy and Rhinoscopy.—A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope..... | } Dr. Major. |
| 10. Electro-Therapeutics.—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease | |
| 11. Applied Anatomy—Medical and Surgical.—Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces..... | } Dr. Sutherland. |
| 12. Minor Surgery.—Including Bandaging, Application of Splints, Hemostatics, Catheterism, Artificial Respiration, &c.} | |

13. **Clinical Chemistry.**—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside..... } **Dr. Ruttan.**
14. **Morbid Anatomy.**—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations..... } **Dr. W. G. Johnston.**
15. **Bacteriology.**—A course of eight demonstrations on the methods of Bacteria culture, illustrated by the microscope and by experiments..... } **Dr. W. G. Johnston.**

III.—LECTURES.

1. **Diseases of Children.**—Anatomical and physiological peculiarities of infancy: its hygiene and dietetics; methods of examining children; peculiarities of symptoms, diseases of infancy and childhood, with their therapeutics.... } **Dr. Blackader.**
- *2. **Hygiene.**—Lectures the same as, and may be taken in lieu of, the compulsory course in the Winter Session. Fee, \$6.00. Examination at the end of the course..... } **Dr. R. L. MacDonnell.**
- *3. **Medical Jurisprudence.**—The Professor of Medical Jurisprudence has consented to give a special course this year, the same as the Winter Course, for which \$5 must be paid in addition to the regular fee of \$10. There will be no lectures on this subject next Winter, as it becomes compulsory in the Summer Session after this year..... } **Dr. Wilkins.**

All students desirous of attending the above courses are expected to register their names with the Registrar *within one week* after the beginning of the Session, and to pay a *fee* of \$25 (which includes registration fee). Enregistration and payment of the fee are compulsory upon all students, whether attending one or more of the classes.

The Time Table will be issued on April 10th.

* *The fee for this class is not included in the above fee of \$25 for the Summer Session.* For further information apply to

JAMES STEWART, M.D., Registrar,

McGILL COLLEGE, MONTREAL.

XVII.

SESSION 1885-86.

STUDENTS IN MEDICINE.

- Aborn, W. H., Goderich, O.
 Adams, G. W., Danville, Q.
 Almon, J. M., Windsor, N.S.
 Ayles, J. P., Aylmer, Q.
 †Ayles, P., Aylmer, Q.
 Ayles, W. W., Aylmer, Q.
- Baer, D. C., Summersfield, Ill.
 Bayne, G. W., Merivale, O.
 Beaudry, J. S., Montreal, Q.
 Bell, J. H., Kars, O.
 Berry, I. P., Lindsay, O.
 Berry, J. A., Seeley's Bay, O.
 †Birkett, H. S., Hamilton, O.
 Beers, A. H., Montreal, Q.
 Blackader, E. H. P., Montreal, Q.
 Boyd, Jay, Vankleek Hill, O.
 Boone, S. W., Frederickton, N.B.
 Booth, J. S., Montreal, Q.
 Blair, G. A., Manotick, O.
 †Boges, G. W., Wolfville, N.S.
 Brown, P., Montreal, Q.
 Brown, G. A., Charlottetown, P.E.I.
 Bowen, W., Quebec, Q.
 Bradley, W. I., Ottawa, O.
 Brunette, J. T., Cornwall, O.
- Cattanaeh, W. C., Glenwater, O.
 Campbell, G. G., Truro, N.S.
 Castleman, A. L., East Williamsburg, O.
 Caneron, K., Montreal, Q.
 †Campbell, A. W., Montreal, Q.
 Chalmers, W. W., Huntingdon, Q.
 Christie, W., Lachute, Q.
 Clouston, J. R., Maple Hill, Q.
 Clark, J. L., Waterloo, Q.
 Cowie, A. M., Montreal, Q.
 Coy, W. F., Kingston, O.
 Conroy, C. P., Martintown, O.
 †Crocket, W., Frederickton, N.B.
 Creasor, J. A., Owen Sound, O.
- Davis, A. H., Glen Buell, O.
 Delaney, W. J., Peterboro, O.
 Dewar, C. P., Ottawa, O.
 Desmond, F. J., Newcastle, N.B.
 DeCow, D. McG., Montreal, Q.
 Dickson, J. A., Trenholme, Q.
 Donald, W. M., Seaforth, O.
 Dyer, R. E., Montreal, Q.
- Earl, E. H., Port Hope, O.
 Easton, C. L., Easton's Corners, O.
 Edgar, C. J., Napierville, Q.
 Ellis, W. E., St. Catherine's, O.
 Ellard, J., New Westminster, B.C.
 England, N.S., Dunham, Q.
 Esson, F. G., Halifax, N.S.
 Evans, E. J., Seaforth, O.
- Ferguson, W. D. T., Cumberland, O.
 Fillmore, E. W., Baie Verte, N.B.
 Flagg, J. D., Morrisburg, O.
 Flett, A. J., Winnipeg, Man.
 Fraser, J. M., Hawkesbury, O.
 Fritz, H. D., St. John's N.B.
 Fulton, C., Avonmore, O.
- Gardner, A. W., Cornwall, O.
 †Gardner, T. M., Bayfield, O.
 Garrow, A. B., Ottawa, O.
 Gemmill, E. W., Almonte, O.
 †Gibson, J. B., Cowansville, Q.
 Girdwood, G. W. T., Montreal, Q.
 Gladman, G. J., Lindsay, O.
 Goodwin, W. W., Baie Verte, N.B.
 †Grant, J. H. Y., Ottawa, O.
 Greene, T. J., Appleton, O.
 Graham, J., Carp, O.
 Gunne, N. D., Ailsa Craig, O.
- Hamilton, A., Sutton, Q.
 Hamilton, J. D., Belleville, O.
 †Haythorne, T. J., Marshfield, P.E.I.
 Hamer, A. L., Bradford, O.
 Hall, A. G., Franklin Centre, Q.
 Hall, W., Walkerton, O.
 Haentschell, C. W., Pembroke, O.
 Hewitt, J., Quebec, Q.
 Hickey, W. H., Morrisburg, O.
 Hill, R., Montreal, Q.
 Hoare, C. W., Strathroy, O.
 Hopkins, H. J. J., Cookshire, Q.
 Holmes, A. D., Chatham, O.
 Hopkins, F. A., Cookshire, Q.
 Hubbard, O. H., Gilsan, N. H.
 Hubert, P. T., Harbor Breton, Nfld.
 Hughes, J. M., Chesterville, O.
 †Hughes, P. H., Strathroy, O.
- Ibbotson, J. I., Montreal, Q.
 Irwin, W. T. L., Pembroke, O.
 Irwin, H., Pembroke, O.
- Jacques, H. S., Melvin, N.S.
 Jayet, A., Montreal, Q.
 Johnson, J. W., Tannersville, O.
- Kelly, J. A. A., Durham, O.
 Kendall, H. E., Sydney, N.S.
 Kennedy, J. H., Lindsay, O.
 †Kennedy, R. A., Ottawa, O.
 Kerr, N., Holyrood, O.
 Kenney, F. L., St. John, N.B.
 Kemp, H. D., Montreal, Q.
 Kirkpatrick, E. A., Kentville, N.S.
 †Kirkpatrick, R. C., Montreal, Q.
 †Kinloch, J. A., Montreal, Q.C.
 Kincaid, R. M., Clarenceville, Q.

- Kompton, E. A., Montreal, Q.
 Lafferty, A. M., Perth, O.
 Lafleur, H. A., Montreal, Q.
 Lang, M. W., St. Mary's, O.
 Lobano, A., St. Henri, Q.
 Leslie, A. C., Harrisburg, Dak.
 Long, C. H., Keswick Bridge, N.S.
 Low, D., Palmerston, O.
 Loucks, F., Sterling, O.
 McCardel, E. J., Dundas, O.
 Macdonald, A. D., Wickham, N.B.
 Mackinnon, H., Alexandria, O.
 †Mackay, J. M., River John, N.S.
 Mackay, Eugene, Papineauville, Q.
 Mackinnon, G. W., Sunnyside, P.E.I.
 Macdonell, A. E. J., Morrisburg, O.
 †McCuaig, W. J., Yankleek Hill, O.
 McCarthy, J. G., Sorel, Q.
 †McCollum, E. P., Duar, O.
 McCallum, O. F., Maitla, N.S.
 McCurdy, T., Ormistown, Q.
 McDonald, P. A., Alexandria, O.
 McDonald, Alex., East Hawkesbury, O.
 McDonald, H. N., Laggan, O.
 McDonald, D. D., North Lancaster, O.
 McDonald, A. L., Glendonald, O.
 McDonald, Geo., Renfrew, O.
 McDougall, D. S., Russell, O.
 McEwen, H., Carleton Place, O.
 McFarlane, M., Brist. J.Q.
 †McGannon, T. G., Prescott, O.
 McGregor, J. G., Martintown, O.
 McInnis, A., Rosario, Arg. Republic.
 McIntosh, D. H., Carleton Place, O.
 McKinnon, T. H., Lockport, N.S.
 McKercher, H., Stiltsville, O.
 McKay, H. H., Plainfield, N.S.
 McLellan, A. A., Summerside, P.E.I.
 McLennan, D., Dunvegan, O.
 McMartin, D. R., Martintown, O.
 McNecco, J., Brampton, O.
 McPhail, J. A., Orwell, P.E.I.
 McRae, J. C., Port Colborne, O.
 Martin, J. M., Brown's Creek, P. E. I.
 Metcalfe, F. J., Buffalo, N. Y.
 Morgan, V. H., Aultsville, O.
 Morrow, C., Russell, O.
 Mowat, M. M., South Branch, O.
 Morehouse, O. E., Upper Kewick, N.B.
 Moffatt, R., West Winchester, O.
 †Murray, D., Plainfield, N.S.
 Murray, W. A., Jamaica, W. I.
 Murray, D. A., Pictou, N. S.
 Muirhead, D. A., Carleton Place, O.
 Noble, C. L., Sutton West, O.
 Norman, T. J., Schonberg, O.
 Orr, A. E., Cookshire, Q.
 Orr, J. E., Mount Elgin, O.
 †Orton, T. H., Hamilton, O.
 Palmer, P. E., Riverside, N.B.
 Parker, W. D., Hawkesbury, O.
 Patterson, C. J., Toronto, O.
 Park, P. C., Durham, O.
 Patton, H. M., Montreal, Q.
 Pearman, H. V., Halifax, N.S.
 Philp, W. S., Montreal, Q.
 †Pomeroy, J. E. M., Tweed, O.
 Pothier, J. C., Woonsocket, R.I.
 Potts, J. M., Belleville, O.
 Porter, J. A., Kemptville, O.
 Poole, A., Wakefield, Q.
 †Pringle, W. R., Cornwall, O.
 Quirk, E. L., Aylmer, Q.
 †Raymond, A., Marcuse, Iowa.
 †Raymond, G. H., Springfield, N.B.
 Reavely, E., Port Robinson, O.
 Richardson, G. C., South March, O.
 Ross, D. L., Winthrop, O.
 †Ross, L. F., Montreal, Q.
 Robertson, A. G., Iroquois, O.
 Rowat, W. M., Monotick, O.
 †Robertson, F. D., Lennoxville, Q.
 Rolph, N., Quebec, Q.
 Ryan, J., Perth, O.
 Saphir, E. J., Jerusalem, H. Land
 Scott, J. M., Philadelphia, U.S.
 †Schmidt, A. J., Fairbault, Minn.
 †Schmidt, A. F., Montreal, Q.
 Scully, D. J., Lindsay, O.
 †Secrey, F. J., Fredericton, N.B.
 Shanks, A. L., Huntingdon, Q.
 Silver, H. J., Danville, Q.
 Slater, H., Toronto, O.
 Smithson, R. H., Stillwater, Minn.
 Springie, J. A., Montreal, Q.
 Stewart, A. D., Arundel, Q.
 Stewart, W. G., Arundel, Q.
 Stayner, S. R., Toronto, O.
 Stephen, G. C., Montreal, Q.
 Taylor, W. B., Halifax, N.S.
 Thomas, W. R., London, Eng.
 Thompson, J. H., Gananoque, O.
 Trapnell, H. E., Montreal, Q.
 Travers, J. B., St. John, N.B.
 †Turnbull, A. R., Russell, O.
 Vernier, H., Quebec, Q.
 Vipond, A. E., Montreal, Q.
 Warnford, P. H., Norton, N.B.
 Walker, S. L., Truro, N. S.
 Weeks, C. M., Newport, N.S.
 Westley, R. A., Lancaster, O.
 Weagant, A. A., Hosaic, O.
 †Wetmore, T. H., Bloomfield, N.B.
 White, W. W., St. John's, N.B.
 †White, F. J., Greenspond, Nfld.
 Whyte, J. J., Lancaster, O.
 Wheeler, C. L., Montreal, Q.
 Williams, J. F., Barrie, O.
 Williams, E. P., Ottawa, O.
 †Wilson, C. W., Cumberland, O.
 Wilkins, H. P., Toronto, O.
 Woodruff, T. A., St. Catherines, O.
 Woodruff, E. H., St. Catherines, O.
 †Worthington, A. N., Sherbrooke, Q.
 Wylde, C. F., Halifax, N.S.
 Young, H. E., Napanee, O.
 Young, A. A., Barton, Vt.
 Young, J. W., Caragant, N.B.

XVIII.

**LIST OF PRIZE-MEN AND MEDALLISTS IN THE
MEDICAL FACULTY.**

In 1855 the examinations were divided into Primary and Final, and Prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:—

1854. FOR GENERAL PROFICIENCY.—*1st Prize*—Robt. Craik, Montreal.
2nd Prize—Thomas Simpson, Montreal.
1855. THESIS.—James McG. Stevenson, Bryantson, Ont.
Final Examination.—James McG. Stevenson, Bryanston, Ont.
Primary Examination.—Walter J. Henry.*
1856. THESIS.—Walter James Henry,* and W. J. Jones, Prescott, O.
Final Examination.—E. Laberge.*
Primary Examination.—Levi R. Church, Montreal, Q.
1857. THESES.—Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.
Final Examination.—Levi R. Church, Montreal, Q.
Primary Examination.—James Kerr.*
1858. THESIS.—Timothy F. English* and W. H. Taylor, Peterboro, O.
Final Examination.—Wm. Harkin.*
Primary Examination.—Wm. Harkin.*
1859. THESIS.—Edward W. Smith.*
Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.
Primary Examination.—Henry Warren.*
1860. THESIS.—J. W. Pickup, Brockville, O.
Final Examination.—Henry Warren.*
Primary Examination.—Joseph M. Drake, Montreal, Q., and Fred. Sutherland.*
1861. THESIS.—Joseph M. Drake, Montreal; F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.
Final Examination.—Joseph M. Drake, Montreal, Q.
Primary Examination.—Thomas C. Walton.
1862. THESIS.—R. M. Bucke, London, O.
Final Examination.—John A. Stewart.*
Primary Examination.—John J. Marston, U. S. Army.

1863. THESIS.—Wm. C. Gustin, Detroit, Mich.
Final Examination.—J. J. Marston, U. S. Army.
Primary Examination.—R. A. Kennedy, Montreal, Q., and Peter A. McDougall, Ottawa, and C. F. Bullen.*
1864. THESIS.—W. W. Squire.*
Final Examination.—D. Howard Harrison, St. Mary's, O.
Primary Examination.—Kenneth Reid,* New York.
1865. HOLMES GOLD MEDAL.—E. P. Hurd, Newburyport, Mass.
Final Examination.—H. L. Vercoe.*
Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.
1866. HOLMES MEDALLIST.—George Ross, M.A., Montreal, Q.
Final Examination.—William Gardner, Montreal, Q.
Primary Examination.—Clinton W. Kelly, Louisville, Ky.
1867. HOLMES MEDALLIST.—Clinton W. Kelly, Louisville, Ky.
Final Examination.—C. W. Kelly, Louisville, Ky.
Primary Examination.—Wm. Henry Patterson.
1868. HOLMES MEDALLIST.—T. G. Roddick, Montreal, Q.
Final Examination.—T. G. Roddick, Montreal, Q.
Primary Examination.—Andrew Harkness, New Lancaster, O.
1869. HOLMES MEDALLIST.—T. D. Lucas.*
Final Examination.—Andrew Harkness, New Lancaster, O.
Primary Examination.—Alexander A. Henderson, Ottawa, O.
1870. HOLMES MEDALLIST.—A. A. Henderson, Ottawa, O.
Final Examination.—O. H. E. Clarke, St. Louis, Mo.
Primary Examination.—J. H. Mathieson, St. Mary's, O.
1871. HOLMES MEDALLIST.—J. H. Mathieson, St. Mary's, O.
Final Examination.—H. P. Wright, Ottawa, O.
Primary Examination.—Thomas Kelly, Durham, O.
1872. HOLMES MEDALLIST.—Hamilton Allan, Oconto, Wis.
Final Examination.—G. A. Starke, Milwaukee.
Primary Examination.—F. J. Shepherd, Montreal.
 SPECIAL PRIZE FOR THESIS.—W. Osler, Montreal.
1873. HOLMES MEDALLIST.—Thomas Kelly, Durham, O.
Final Examination.—D. A. Alguire, Cornwall, Ont.
Primary Examination.—J. D. Cline, B.A.*
1874. HOLMES MEDALLIST.—J. D. Cline, B.A.*
Final Examination.—J. C. Cameron, Montreal.
Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.
1875. HOLMES MEDALLIST.—S. J. Tunstall, B.A., Lytton, B.C.
Final Examination.—J. B. Benson, Chatham, N.B.
Primary Examination.—C. H. Murray, B.A.*
1876. HOLMES MEDALLIST.—Robt. H. W. Powell, Ottawa, O.
Final Examination.—Chas. H. Murray, B.A.*
Primary Examination.—Alex. C. Frazer, Manitowoc, Wis.
Special Prize for Thesis.—R. L. MacDonnell, B.A., Montreal.

1877. HOLMES MEDALLIST.—James Bell, Montreal, Q.
Final Examination.—W. D. Oakley, Streetsville, O.
Primary Examination.—H. N. Vineberg, New York.
1878. HOLMES MEDALLIST.—H. N. Vineberg, New York.
Final Examination.—T. W. Mills, M.A., Montreal.
Primary Examination.—W. R. Sutherland, Montreal.
 SUTHERLAND GOLD MEDAL.—J. M. Lefebvre, Brockville, O.
1879. HOLMES MEDALLIST.—J. B. Lawford, London, Eng.
Final Examination.—A. W. Imrie, Detroit.
Primary Examination.—J. A. McDonald, Montreal.
 SUTHERLAND GOLD MEDAL.—W. L. Grey, Pembroke, O.
1880. HOLMES MEDALLIST.—J. A. McDonald, Montreal.
Final Examination.—H. B. Small, Ottawa.
Primary Examination.—James Ross, B.A., Dundas, O.
 SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., Montreal.
1881. HOLMES MEDALLIST.—James Ross, B.A., Dundas, O.
Final Examination.—John W. Ross, Cohoes, N. Y.
Primary Examination.—R. J. B. Howard, B.A., Montreal.
 SUTHERLAND GOLD MEDAL.—C. E. Cameron, Montreal.
1882. HOLMES MEDALLIST.—R. J. B. Howard, B.A., Montreal, Q.
Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.
Primary Examination.—George A. Graham, Hamilton, O.
 SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.
Morrice Scholar.—Wyatt G. Johnston, Montreal, Q.
1883. HOLMES MEDALLIST.—C. E. Cameron, Montreal.
Final Examination.—J. B. Loring, Sherbrooke, Q.
Primary Examination.—Ed. G. Wood, Lonsdesboro, O.
 SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.
Morrice Scholar.—R. F. Ruttan, B.A., Montreal, Q.
1884. HOLMES MEDALLIST.—Wm. A. Ferguson, Bathurst, N.B.
Final Examination.—James P. McInerney, Kingston, N.B.
Primary Examination.—Smith Gustin, Bay City, Mich.
 SUTHERLAND MEDAL.—John Elder, B.A., Huntingdon, Q.
1885. HOLMES MEDALLIST.—Edwin G. Wood, Lonsdesboro, O.
Final Examination.—Smith Gustin, Bay City, Mich.
Primary Examination.—Ed. J. Evans, Seaforth, Ont.
 SUTHERLAND MEDAL.—H. A. Lafleur, Montreal, Q.
1886. HOLMES MEDALLIST.—Herbert S. Birkett, Montreal, Q.
Final Examination.—Walter W. White, M.A., St. John, N.B.
Primary Examination.—Walter I. Bradley, Ottawa.
 SUTHERLAND MEDAL.—Walter I. Bradley, Ottawa.

HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be *registered*. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In *Quebec*, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Quebec can register without further examination. In some cases the examination has been enforced. In *Ontario*, unless a registered practitioner of Great Britain, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In *Nova Scotia*, *New Brunswick* and *Manitoba*, the provincial boards accept the degrees of Canadian Universities without examination. *Prince Edward Island* and *British Columbia* have as yet no Medical Boards. In most of the *West India Islands* a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In *Great Britain*, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

DOCTORS IN MEDICINE.

- Addison, Jas. L., St. George, O 1884
 *Adsett, John, 1866
 Alexander, Robert A., Grimsby, O 1871
 Alguire, Duncan O., Cornwall, O 1873
 Allard, Henry, Beloit, Q 1867
 †Allan, Hamilton, Oconto, Wis 1872
 Allan, J. H. B., Montreal 1885
 Allen, C. E., East Farnham, Q 1883
 Alloway, Thomas Johnson, Montreal 1868
 Anderson Alex., Med. Dept. Indian Army 1846
 *Anderson, John C., 1865
 Archer, Ths., Wandsworth, Eng 1839
 Ardagh, Johnson, Oshana, O 1869
 Armistage, J. H., Newma. set, O 1880
 Armstrong, Geo. E., Montreal 1877
 *Arnoldi, Daniel (Hon), 1847
 Arthur, R. H., C. P. R. R 1885
 Atkinson, Robert, 1862
 Ault, Alexander, Oshkosh, Wis 1869
 Ault, Charles, Montreal 1855
 *Ault, James F., 1855
 Ault, Edwin D., Aultsville, O 1868
 Austin, Fred. John, Sherbrooke, Q 1862
 Ayer, N., M. A., Sackville, N. B 1880
 Ayles, John, Aylmer, Q 1857
 Ayles, James, Aylmer, Q 1863
 Ayles, P., Aylmer, Q 1886
 Backhouse, J. B., Braidwood, Ill 1870
 Bain, D. S. E., Staff Surgeon Maj. 1868
 Bain, Hugh U., Prince Albert, Man 1874
 Baird, James G., Pakenham, O 1870
 Baird, T. A. D., Bay City, Mich 1885
 Baker, Albert, Dawlish, Devon 1848
 Barclay, George, Parkhill, O 1870
 *Barnston, James (ad. eun.), 1876
 Barrett, Jos. A., Fenaghvale, O 1884
 Battersby, Charles, Port Dover, O 1861
 Baynes, Donald, M. A., London, Eng 1876
 Baynes, Geo. Aylmer, London, Eng 1869
 Beatty, D., Richmond, Carlt. Co., O 1862
 *Beaudette, Alfred 1855
 Beaudry, Louis B., St. Cesaire, Q 1871
 Beckstead, M., Lisbon Centre, St. Law. Co., N. Y 1878
 †Bell, James, Montreal 1877
 *Bell, John, M. A., 1866
 Bell, Robert, C. E., Ottawa 1878
 Bell, Robert W., Peterboro, O 1873
 Belleau, Alfred, Quebec 1862
 *Bergeron, Joseph, 1870
 Bergin, Darby, Cornwall, O 1847
 Bessey, William E., Toronto, Ont 1853
 Bender, Proeper, Boston, Mass 1845
 Benson, Joseph B., Chatham, N. B 1875
 *Bibaud, Jean G., 1843
 †Birkett, H. S., Montreal, Q 1886
 Blackader, Alex. D., B. A., Montreal 1871
 Blacklock, John J., Chesterville, O 1851
 *Blanchet, J. B., 1853
 Blair, Robt. C., Three Rivers, Q 1865
 *Bligh, John W., 1865
 Blyart, Irvine D., Mene, O 1859
 Bogg, G. W., Wolfeille, N. S 1868
 *Bomberry, Geo. E., 1875
 Bonesteel, S. A., Columbus, Neb 1881
 Boulter, George H., Stirling, O 1852
 Bowser, J. C., Kingston, N. B 1883
 *Boyer, Louis, 1842
 *Boylan, Andrew A., 1837
 Boyle, Albert D., Carbonear, N. B 1877
 *Bowman, William F., 1869
 Bower, Silas J., Waddington, N. Y 1835
 *Bradley, William, 1869
 *Braithwaite, Francis H., 1863
 Brandon, John, Ancaster, O 1867
 Breslin, William L., 46th Regiment 1847
 Brigham, Josiah S., Phillipsburg, Q 1848
 Brissette, Henry R., Lowell, Mass 1871
 *Bristol, Amos S., Napance, O 1850
 Brodeur, Alphonse, Roxton Falls, Q 1863
 Brodie, John, Honolulu, Sawh Is- 1877
 Brooks, Samuel T., St Johnsbur, Vt 1851
 *Brouse, William H., 1847
 Brouse, Jacob E., Brockville, O 1861
 Brossard, J. B. J., Laprairie, Q 1875
 Brown, Thos. L., Melbourne, Q 1881
 Brown, J. L., Plattsville, O 1879
 Brown, Peter E., Ste Amc de Belle- 1847
 Brown, Harry, 405 W. Washington St., Chicago 1873
 Brown, Chs. O., Broume, P. Q 1862
 Browne, Arthur A., B. A., Montreal 1852
 Bruneau, Adolphe, Sorel, Q 1853
 *Bruneau, Oliver T. (Hon), 1843
 *Bruneau, Onésime, 1861
 Bryson, William G., Fenelon Falls, O 1857
 Bucke, Richard Maurice, London, O 1862
 *Buckle, Edward H., 1852
 *Buckle, John M. C., 1859
 Buckley, William P., Prescott, O 1870
 Bull, George J., New York 1869
 *Bullen, Charles F., 1864
 Buller Frank, Montreal 1870
 Burgess, J. A., Listowell, O 1868
 Burch, B. E., Walla Walla, Walsh Ter 1866
 *Burland, John H., 1843
 Burland, Samuel C., Chester, Penn 1877
 Burland, William B., Montreal 1872
 Burland, William H., Wilshton, Fla 1875
 Burland, Benj. W., Mineville, N. Y 1882
 Burrows, F. N., Montreal, Q 1885
 Burrows, Philip P., Lindsay, O 1866
 *Burnham, Robert Wilkins 1869
 *Burns, Alfred J., 1854
 Burritt, Horatio C., Toronto, O 1863
 Burwash, Hy. J., Miltw. Ave., Chicago 1879
 *Butler, George C., 1885
 Butler, Billa F., Stirling, O 1879
 *Buxton, John N., 1849
 Cahalan, James, Wyandotte, Mich 1880
 †Cameron, Chas. E., Montreal 1883
 Cameron, D. A., Strathroy 1885
 Cameron, Paul, Alexandria, O 1881
 Cameron, Duncan H., Portland, Ore 1877
 Cameron, James C., Montreal 1874
 Cameron, John D., Norway, Mich 1878
 *Campbell, Donald Peter, 1850
 Campbell, Francis Wyland, Montreal 1860
 *Campbell, G. W., M. A., (ad eun), 1843
 Campbell, J., New Zealand 1876
 *Campbell, Samuel, 1836
 Campbell, John, Seaforth, O 1863
 Campbell, Lorne, London, Eng 1882
 Campbell, A. W., Montreal, Q 1886
 Cannon, Gilbert, Atmore, O 1877
 Carmichael, D. A., Mar. Hosp. Serv. Cairo, Ill 1873
 Carey, Augur, D. L. (ad eun), 1864
 Carman, Philip E., Detroit, Minn 1879
 Cassidy, David M., Med. Supt. County Asylum, Lancaster, Eng 1847
 Cassidy, Geo. A., Goldstone, O 1885
 Cassidy, John F., Guderich, O 1885
 *Carroll, Robert W. W., 1850

- Carruthers, George, North Bedeque, P. E. I. 1883
 Carson, J. H., Lake Park, Minn 1881
 *Carson, Augustus, Meadow Vale, O 1859
 Carter, Samuel A., Hamilton, O 1879
 Case, W. Hermanus, Windsor, O 1851
 Casgrain, Charles E., Denver, Col 1871
 Cattannach, Andrew J., Dalhousie Mills, O 1882
 Cattannach, Angus M., Glen Water, O 1886
 Cattannach, W. S., Fall River, Mass 1861
 Chagnon, Vincelaus G. B., Fall River, Mass 1861
 *Chaliner, Francis, Toledo, Ohio 1849
 Cherry, William, Bedford, Q 1861
 *Chesley, George Ashbold, Ibrville, Q 1873
 Chevalier, Gustave, Ottawa, O 1868
 Chevalier, Napoleon E., Alexandria, O 1878
 Chipman, C. J. H., Bay Roberts, Nfld 1879
 *Chisholm, Alex., Lachute, Q 1872
 Chisholm, Murdoch, Palaluma, Son Co, Cal 1865
 Chisholm, Murdoch, Lachute, Q 1818
 Christie, George H., Chicago 1875
 Christie, John B., Chicago 1882
 Christie, Thomas, Ottawa 1868
 Christie, John H., Aylmer, Q 1855
 *Christie, Edmund, Aylmer, Q 1880
 *Church, Charles H., Montreal 1857
 Church, Clarence R., Merrickville, O 1846
 Church, Collier M., Winnipeg, Man 1881
 Church, F. W., Colnes, N. Y. 1870
 Church, Levi R., Utika, N. Y. 1871
 Church, Mills K., Pembina, Dakota 1884
 *Church, Peter H., Essex Co., O 1850
 Clarke, H. J., Fordwych Road, Kilburn, London, Eng 1876
 Clarke, Octavius H. E., Waterloo, Q 1885
 Clarke, Wallace, B. A., Port Hope, O 1867
 Clarke, Henry J., St. Guillaume, O 1866
 Clarke, Richard A., Nanaimo, BC 1870
 Clarke, F. G. B., Winnipeg, Man 1865
 Clarke, J. L., St. Law Co., N. Y. 1878
 Cleimesha, John W., Iniquis, O 1870
 Clement, Victor A., St. David, Q 1870
 *Cline, John D., B. A., Louisville, N. Y. 1876
 Cline, John D., Napanee, O 1854
 Cline, John D., Aultsville, O 1884
 Cline, John D., Toronto, O 1823
 Cline, John D., Hull, Q 1869
 Cline, John D., Wolfston, Q 1870
 Cline, John D., 719 W. Washington St., Chicago 1872
 *Collins, Charles W., Brig. Surg Army 1854
 *Collison, R., Med Dept 1854
 Colquhoun, George, St. Thomas, O 1869
 Colmeau, John B., Morristown, O 1881
 Cook, Guy R., B. A., Montreal, Q 1885
 Cook, Hermon L., Cowansville, Q 1877
 Cook, Sheldon E., Ottawa, O 1882
 Cooke, Charles H., Aultsville, O 1884
 Cooke, Sydney P., Toronto, O 1823
 Cooke, W. H., Hull, Q 1869
 Copeland, Wm. L., Wolfston, Q 1870
 *Corbett, A. P. M., 719 W. Washington St., Chicago 1872
 Corbett, William H., Brig. Surg Army 1854
 Corlis, Josiah, Med Dept 1854
 Cormack, Wm., St. Thomas, O 1869
 *Corran, John, Morristown, O 1881
 *Corran, Douglas, Montreal, Q 1885
 Cotton, C. L., Cowansville, Q 1877
 Cousins, W. C., Ottawa, O 1882
 *Cowley, Thomas McJ., 1870
 Cowley, D. R., Granby, Q 1889
 Cox, Frank, Charlottetown, P. E. I. 1849
 Coyle, Henry W., Sorel, Q 1870
 Craig, Thornton, Capay, Cal 1876
 Craig, M. A., Glen Water, O 1886
 Craik, Robert, Montreal 1854
 *Cram, Daniel C., Lawrence, Kan 1872
 *Crawford, James [ad eun], 1854
 Crichton, Stuart, Sonora, Cal 1885
 Crockett, W. C. B. A., Fredericton, N. B. 1886
 Crothers, William, Staunbridge, Q 1879
 *Culvers, Joseph B., 1848
 *Cunninghame, W. C. Thurlow, 1858
 Cutter, Frederick A., Sutton, Q 1873
 Daly, Guy D. F., 1868
 Daly, Walter S., Ogdensburg, U. S. 1855
 *Dausereau, Charles, 1842
 Dausereau, Charles, 1860
 *Dausereau, Pierre, 1825
 Davey, J. H., Philadelphia 1836
 Davey, J. H., Philadelphia 1865
 Davies, Thomas B., Chelsea, Q 1884
 Davignon, F. F., Leadville, Col 1871
 Dawson, R. B. A., Montreal 1882
 Daze, Henri, Montreal 1885
 Dearden, G. A., Victoria, B. C. 1882
 Dease, Peter Warren, 1847
 DeBonald, C. S., Berthier en haut, Q 1862
 DeBoucherville, Charles B., Quebec 1843
 Deew, D. Mett., Montreal, Q 1887
 DeGroschais, T. B., Roxton Falls, Q 1878
 DeLaforest, B. G. G., Stirling, O 1882
 Derby, W. J., Rockland, O 1882
 *Desautniers, Antoine A., 1841
 *Decelles, Charles D., 1841
 Dibblee, G. O., Moor's Mills, N. B. 1879
 *Dice, George, 1864
 *Dick, James R., 1842
 *Dickinson, James S., 1846
 *Dickinson, George, 1858
 *Dickson, William W., Pembroke, O 1875
 Digby, F. Winniett, Brantford, O 1873
 *Doak, John, 1841
 Doherty, W. W., Kingston, N. B. 1885
 Donnelly, C. H., Waresville, Texas 1879
 *Dorion, Severo, 1843
 *Dorland, Enoch G., 1879
 Dorland, James, Milwaukee, Wis 1875
 Dougan, Wm., St. Catharines, O 1867
 Douglass, James [Hon], 1847
 Dowling, John F., Eganville, O 1875
 Drake, Joseph M., Abbottsford, Q 1861
 Dubuc, Charlemagne, Montreal 1864
 *Ducket, Stephen, 1853
 Duckett, William A., Montreal 1859
 Duford, Thadec A., St. Sebastien, Q 1855
 Duhamel, Louis, Hull, Q 1869
 Duncan, Geo., Fareham, Hants, Eng 1866
 Duncan, George M., Bathurst, N. B. 1871
 Duncan, George C., London, Eng 1875
 Duncan, James S., Surg. Mag. Army 1858
 *Duncan, John, 1871
 Duncan, John A., Moose Jaw, N. W. T. 1864
 Duncan, W. T., Fergus Falls, Minn 1882
 Dunlop, H. A., Crookston, Minn 1882
 *Dunn, William Oscar, 1843
 Dunsmore, John M., Stratford, Q 1870
 Dupuis, Joseph B., Clarenceville, Q 1876
 Easton, John, Brockville, O 1850
 Eberle, Harry A., Kansas City, Mo 1876
 Eberts, D. W., Winnipeg 1885
 Edwards, Eliphalet G., London, O 1855
 Edwards, J. S., London, O 1889
 Edwards, Oliver C., Qu'Appelle, N. W. T. 1873
 Elder, John B. A., Huntingdon, Q 1855
 Elderkin, Edwin J., Avondale, Hants Co., N. S. 1884
 Elkinton, A. G., Sur. Maj. Gren. G. 1862
 Ellison, S. L., 268 W 4th St N. Y. 1873
 Emery, Gordon J., Minneapolis, Minn 1857
 *English, T. F., 1858
 *Erskine, John, 1859
 Ethier, Calixte, St. Eugene, Q 1867
 Evans, Griffith, Vol. Dept. Army Woolwich, Eng 1874

Ewing, William,	Hawkesbury, O	1873	Grant, Donald J.,	Woodbridge, O	1863
Falkner, Alexander,	Lancaster, O	1866	Grant, James A.,	Ottawa, O	1834
Falls, Samuel K.,	Chicago,	1875	Grant, Jas. A., Jr., B.A.,	Ottawa, O	1882
Farewell, G. McGill,	Princeton, O	1872	Grant, William,	Perth, O	1867
Farewell, W. G.,	Oshawa, O	1868	Grant, J. H. Y.,	Ottawa, O	1886
Farley, Jas. T.,	Fremont Centre, Mich	1877	Gray, John S.,	Winnipeg, Man	1876
Farley, John J.,	Belleville, O	1873	Gray, Thomas,	Paisley, O	1879
Faulkner, George W.,	Stirling, O	1871	Gray, James,		1883
Faulkner, D. W.,	Foxboro, O	1878	Gray, W. L.,	Peabroke, O	1881
Fender, H. C.,	Chicago, Ill	1881	Greaves, Henry C.,	Barbadoes	1877
Feilde, E. C.,	Prescott, O	1881	Greenwood, F. S.,	St. Catharines, O	1878
Fenwick, Geo. E.,	Montreal	1847	Greer, T. A., C.S.S. Minia,	Halifax, NS	1876
Fergusson, Alex. R.,	Dalhousie Mills, O	1866	*Grenier, L. P. A.,		1883
Ferguson, Wm. A., B.A.,		1884	Groves, George H.,	Carp, O	1879
Finlay, F. G.,	Montreal	1885	Groves, W.,	Carp, O	1886
*Finlayson, John,		1834	Guerin, James, J. E.,	Montreal	1878
Finnie, John T.,	Montreal	1821	Guest, Thomas F.,	St. Mary's, O	1873
*Fisher, John,		1847	Gunn, James,	Durham, Co. Grey, O	1861
*Fitzgerald, James		1865	Gurd, David F.,	Montreal	1879
Fortier, Louis M.,	Huntingdon, Q	1873	Gustin, Smith,	Bay City, Mich	1885
*Foster, Stephen Sewell,		1816	Gustin, Wm. Claud,	Detroit, Mich	1863
Frailigh, William S.,	Gananoque, O	1829	Hagarty, Dad. M. J.,	Portage la Prairie	1886
Fraser, H. D.,	Perth, O	1881	*Hall, Archibald [ad eun],	Manitoba	1886
Fraser, Alex. C.,	Manitowoc, Wis	1877	*Hall, James B.,		1886
*Fraser, William,		1836	*Hall, J. W.,		1848
Fraser, William H.,	Liverpool, N.S	1857	Hallett, E. O.,	Juro, N.S	1885
Fraser, Donald M.,	Stratford, O	1869	Halliday, James T.,	Peterboro, O	1865
Fraser, Donald,	Chicago, Ill	1868	*Hamilton, Andrew W.,		1859
Fraser, J. R.,	Metcalfe, O	1878	Hamilton, Charles S.,	Demorestville, O	1868
Freeman, C. M.,	Cape Sable Isl., N.S	1871	*Pamilton, John R.,	Stratford, O	1871
Fuller, W.,	Grand Rapids, Mich	1866	*Hamilton, Rufus E.,		1861
Fuller, H. LeRoy, B.A.,	Sweetsburg, Q	1870	Hamel, Joseph A.,	Murray Bay, Q	1856
Fulton, James H.,	Montreal	1863	Hammond, J. H.,	Montreal	1869
Gale, Hugh,	Bay City, Mich	1882	Hanna, A. E.,	Barlem, O	1885
*Garvey, Joseph,		1852	Hanna, Franklin,	Lansdowne, O	1879
Gardner, H. H.,	San Francisco, Cal	1878	Hanover, William,	Seaforth, O	1875
Gardner, John J.,	Montreal	1883	Hanvey, C. J. B.,	Yale, BC	1883
Gardner, Matthew,	Sacramento, Cal	1871	Harkin, F. McD.,	Vankleek Hill, O	1885
Gardner, William,	Montreal	1867	Hart, F. W.,	St. Martinville, La	1835
Gardner, T. M.,	Bayfield, O	1886	Hartie, J. R.,	575 1st St. Troy, N.Y	1881
*Gascogne, Geo. E.,		1861	Harvey, William A.,	Harriston, O	1874
Gaviller, Edwin A.,	Hamilton, O	1873	*Harding, F.W.,		1868
*Gauvreau, Elzear,		1857	Harkin, Henry,	Liverpool, Eng	1867
*Gauvreau, Lewis H.,		1871	*Harkin, William,		1858
Gendon, Thomas,	St. Raymond, Q	1869	Harkness, Jno.,	Dickinson's Corners, O	1882
Gernon, George W.,	Marieville, Q	1872	Harkness, Andrew,	New Lancaster, O	1869
*Gibb, George D.,		1816	Harrison, David H.,	Manitowic,	1861
Gibson, John B.,	Cowansville, Q	1855	Harrison, H. J.,	Moulacette, O	1883
Gibson, W. B.,	Burlington, Vt	1878	Hart, George C.,	Prescott, O	1879
*Gibson, Edward B.,		1864	Hannington, E. B. C.,	Yale, BC	1875
Gibson, J. B.,	Cowansville, Q	1856	Hawkins, A. C.,	Halifax, NS	1885
Gilbert, Henry L.,	Sherbrooke, Q	1875	Hayes, James,	Simeoe, O	1866
Gillis, John A. F.,	Summerside, P.E.I	1877	Haythorne, T. J., B.A.,	Charlotte-	
Gillies, John,	Teeswater, O	1867	town, P.E.I		1886
Gilmour, Angus A.,	Modera, Cal	1888	Heard, C. DoW.,	Keelby, Eng	1880
*Giroux, Philippe,		1839	Hebert, P. Zolique,	Whitehall, N.Y	1873
Girdwood, Gilbert P.,	Montreal	1839	*Henderson, Alex. A.,	Ottawa, O	1870
Gladman, G. J.,	Lindsay, O	1886	*Henderson, E. G.,		1874
Glen, C. W. E.,	Chambly, Q	1858	*Henderson, Peter, A.M.,		1848
Godfrey, Robert,	Montreal	1814	Henderson, Andrew,	Calgary, N.W.T	1880
Godfrey, Abraham C.,	Freemantle,		*Henry, Walter [Hon.]		1858
	Southampton, Eng	1821	*Henry, Walter J.,		1856
*Goodhue, P. J.,		1875	Henry, Wm. G.,	Detroit, Mich	1883
Godforth, Franklin,	Runcorn,		Henwood, Alfred J.,	Brantford, O	1879
	Chester, Eng	1833	*Hervey, Jonas J.,		1816
Gooding, Chs. E.,	St. Philip Barbadoes,		Hethbrington, Harry,	Hatley, Q	1872
	W.I	1884	Heyd, H. E.,	Buffalo, N.Y	1881
Gordon, C. M.,	Aylwin, O	1881	Rickey, Charles E.,	Morrisburg, O	1866
Gordon, Robert,	Arlington, Ill	1848	Hickey, Samuel A., B.A.,	Aultsville, O	1874
*Gordon, W. W.,		1863	Higginson, H.A.,	Winnipeg, Man	1881
Graham, Charles E.,	Hull, Q	1865	Hills, Joseph,	Woonsocket, R.I	1873
Graham, George A.,		1884	Hingston, W. H.,	Montreal	1851
*Graham, Henry,		1865	Hockridge, Thos. G.,	London, Eng	1874
Graham, Kenneth D.,	Ottawa, O	1875	*Holden, Rufus,		1884
Graham, J.,	Carp, O	1886	Holwell, John,	Kingston, Jamaica	1858

- *Holmes, Andrew F., [ad coun], 1843
 Hopkins, Alfred J., Cookshire, Q 1883
 Houston, D. W., Cohoes, N Y 1881
 Howard, James, Lachine, Q 1877
 Howard, Robert, St. Johns, Q 1872
 Howard, R. Palmer, Montreal 1848
 Howard, R. J. B., B. A., Montreal 1882
 Howden, Robert T., Winnipeg, Man 1857
 Howley, W. H., Detroit, Mich 1878
 Howitt, Wm. H., Toronto, O 1870
 Howland, Francis L., Huntsville, O 1867
 Hughes, P. H., Strathroy, O 1883
 Hurlbert, E. Augustus, Brooklyn, N Y 1840
 Hume, William L., Leeds, Q 1875
 *Hunt, J. J., 1881
 Hunt, Henry, Williamstown, O 1876
 Hunt, J. H., Surg. Maj. Army, Med Dept. 1869
 Hunt, Lewis G., B. A., Sheffield, Eng 1871
 Hurd, Ed. P., Newburyport, Mass 1865
 Hurdman, Benj. F. W., Inverness, Q 1882
 Hurdman, H. T., Aylmer, Q 1885
 Hurlburt, George W., Thornbury, Q 1859
 Hurlburt, Richard W., Mitchell, O 1873
 Hutchinson, John A., Brussels, O 1878
 Hutchison, Jas. A., Montreal 1884
 Imrie, A. W., Detroit, Mich 1879
 Inksetter, D. G., Co-la Rica 1880
 Irvine, James C., Liverpool, Eng 1876
 Irvine, R. T., Carp, O 1885
 Irwin, J. L., 26 E Ohio St, Chicago 1879
 Ives, Eli, Coaticook, Q 1883
 *Jackson, A. T., 1846
 Jackson, Wm. Fred., Brockville, O 1873
 Jackson, Joseph A., Manchester, N H 1879
 *Jamieson, Alex., B. A., 1877
 Jamieson, Thomas A., 1875
 Jamieson, Chas. J., Winnipeg, Man. 1879
 Johnson, C. H., Austin, Minn 1884
 Johnson, H. B., Charlottetown, P E I 1885
 Johnson, James B., London, Eng. 1876
 Johnson, J. C., Surg. Maj. Army 1867
 Johnson, J. R., Spring Valley, Minn 1883
 Johnston, Thomas G., Sarnia, O 1871
 Johnston, W. G., Montreal 1884
 Jones, Charles R., Hatley, Q 1874
 Jones, George N., Burlington, Iowa 1874
 *Jones, Thomas W., [ad coun] 1854
 *Jones, Jonathan C., 1855
 Jones Wm. Justus, Prescott, O 1876
 Jones, A. J. M., Wabash Av., Chicago 1873
 Josephs, G. E., Pembroke, O 1881
 Kearney, W. J., Mariposa, California 1875
 Keefer, Wm. N., B. A., Surg. Maj. Bengal Army 1859
 *Keeler, Thomas, 1859
 Kelly, Clinton Wayne, Louisville, Ky 1867
 Kelly, Patrick N., Rochester, Minn 1884
 *Kelly, Wm., 1846
 Kelly, Thos., Durham, O 1875
 Kempt, William, Lindsay, O 1884
 Kenned, Richard A., Montreal 1864
 Kennedy, R. A., B. A., Cumming's Bridge, O 1885
 *Kerr, James, 1878
 Killery, St. John, Surg. Maj. Army 1862
 King, Wm. M. H., St. Sylvestre, Q 1879
 King, Reginald, A. D., Compton, Q 1883
 King, Richard, Peterboro, O 1867
 Kinloch, J. A., Montreal, Q 1866
 *Kirkpatrick, A., 1856
 Kirkpatrick, R. C., B. A. Montreal, Q 1886
 *Kittson, John G., 1884
 Kittson, Edmund G., Windsor 1873
 Klock, Robert H., Bryon, Q 1882
 Klock, W. H., 1843
 *Knowles, James A., Aylmer, Q 1885
 *Kollmyer, Alex. H., 1856
 La Berger, Ed., St. Philomena, Q 1856
 Lambor, Thomas H., C. P. Ry., O 1884
 Lane, John A., 1877
 Lang, C. L., Kalamazoo, Mich 1876
 Lang, W. A., New Richland, Minn 1881
 *Lang, Thomas D., 1856
 Langlois, O. X., Amherst-berg, O 1875
 *Langrell, Richard T., 1875
 Larocque, A. B., Montreal 1847
 Lathern, J. S., Halifax, N S 1883
 Laurin, Edgar J., Deer Lodge, Mon 1881
 Law, D. W. C., Bond Head, O 1863
 Law, William K., Coleraine, Irel 1877
 *Lawford, John B., London, Eng 1879
 *Lawrence, Henry J. H., 1882
 Leavitt, Julius, Melbourne, Q 1866
 Leclere, George, Montreal 1861
 Leclair, Napoleon, Lunca-ster, O 1861
 Lee, James C., 1858
 *Lee, John Rolph, 1849
 Leschvre, John M., Granville, B C 1879
 Legault, D., Sababerry de Vallee, Q 1876
 Lemoine, C., St. Pierre, Isle d'Orleans 1850
 Lepailleur, Leonard, 1848
 Leprohon, John L., Montreal 1843
 Levi, Reuben, New York, U S 1870
 Lindsay, Heriot, St. Johns, Q 1861
 *Lister, James, 1862
 *Lloyd, H. W., 1879
 *Locke, C. F. A., 1872
 Logan, David D., 1842
 Logan, Robert, Iowa, Mich 1871
 *Logan, William, 1883
 *Long, Alexander, 1844
 Longley, Edmund, 1846
 Longpre, Pierre F., Quebec, 1848
 Loring, J. Brown, 1883
 *Loupret, Andre, 1860
 Loux, Willm., Russell, O 1870
 *Loverin, Nelson, 1855
 Lovett, William, Ayr, O 1876
 *Lucas, T. D. Arcey, 1859
 Lunan, H., B. A., Campbellton, N B 1881
 Lundy, E. L., Surg. Maj. Army 1862
 Lyboul, Chas. C., Minneapolis, Minn 1879
 Lyon, Arthur, Shawville, Q 1881
 Maas, Rudolph J., Chicago, Ill 1881
 *MacDiarmid, John D., 1847
 MacDonald, Angus, St. Paul, Minn 1863
 *Macdonald, Colin, 1863
 MacDonald, R. T. E., Sutton, Q 1881
 MacDonald, Roderick, Encas, Stoney Mountain, Man 1874
 MacDonell, Enas, Ottawa 1849
 MacDonnell, R. L., B. A., Montreal 1876
 MacFarlane, Wm., Almonte, O 1889
 Macfie, James, Fort Covington, N Y 1869
 MacIntosh, Robert, Rapid City, N W T 1883
 Mack, Francis Lewis, Amherstburg, O 1846
 *Mackie, J. R., 1865
 *Macklem, Samuel S., 1859
 Maclean, Archibald, Sarnia, O 1857
 *Macnabb, Francis A. L., 1870
 Maenell, Alex., Kensington, P E I 1883
 McArthur, Robert D., Chicago, Ill 1877
 McArthur, John A., Port Elgin, O 1879
 McArthur, J., Winnipeg 1885
 McKim, John, Martintown, O 1874
 MacCallum, Duncan C., Montreal 1880
 McCann, J. J., B. A., Hopkinton, Mass 1878
 McCarthy, W., Chicago, Ill 1867
 McClure, W., B. A., Montreal 1884
 McCollum, E. P., Duart, O 1886

*McConkey, T. C.,	1872	McNeece, James,	Montreal	1869	
McConnell, John B.,	Montreal	1873	McNeil, Ernest,	Vernon River, P E I	1870
*McCorl, John D.,		1861	McNulty, M.,	Brashers Falls, N Y	1880
McCorkill, K. K. C.,	East Farnham, Q	1882	McQuillen, James,	Marquette, Mich	1874
McCormack, N.,	Pembroke, O	1885	*McRae, George,		1876
McCormick, Andrew G.,	Richmond, Q	1874	McTaggart, Alexander,	London, O	1860
McCrimmon, Donald A.,	Lucknow, O	1869	*McNean, John M.,		1865
McCrimmon, John,	Kinearline, O	1878	Madill, John,	Alliston, O	1867
McCrimmon, Milton,	Palermo, O	1878	Maher, J. J. E.,	New York	1883
McCuajig, W. J.,	San Francisco, Cal	1886	Major George W., B.A.,	Montreal	1871
McCullough, George,	St. Mary's, O	1879	Malcolm, John Rolph,	Scotland, O	1861
*McCullough, Michael, (Hon.)		1843	*Malhiot, Alfred,		1846
McCully, Oscar J. M. A.,	Baio Verte,		Malloch, Edward C.,	Ottawa, O	1863
	N B	1879	*Malloch, William B.,		1867
McCurdy, John,	Chatham, N B	1866	Mallory, Albert E.,	Warkworth, O	1872
McDermid, Wm. E.,	Dunvegan, O	1875	Marceau, Louis T.,	Napierville, Q	1872
McDiarmid, Donald,	Athol, O	1867	Markell, Richard S.,	Cloverdale, Cal	1867
McDiarmid, James,	Hessall, O	1873	*Marr, Israel P.,		1849
McDonald, Alex,	Paisley, O	1885	Marr, Walter H.,	W 33rd St N York	1859
McDonald, H. J.,	Alexandria, O		Marston, Alonzo W.,	Hull, Q	1871
†McDonald, John A.,	Montreal	1880	Marston, John J.,	U. S. Army	1863
McDonald, Jos. D. A.,	Acton Vale, Q	1873	Martel, Ovide,	Montreal	1883
McDonald, K. C.,	Spencer, Iowa	1889	Mason, J. L., M.A.,	Brailsford, Derby,	
*McDonald, Roderick,		1831		Eng.	1843
McDonald, Alex. R.,	Boyd, Wis	1882	Mattice, Rich. J.,	Omaha, U.S	1875
McDonnell, Alex. R.,	Alexandria, O	1874	†Mathieson, John H.,	St. Mary's, O	1871
McDonnell, Angus C.,	Montreal	1882	*Mathieson, Neil,		1876
McDougall, Peter A.,	Ottawa, O	1864	Mayrand, William,	St. Andrews, Q	1847
*McDougall, Peter A.,		1847	Meahan, J. C.,	Bathurst, N B	1884
McEachran, W.,	Winnipeg, Man	1880	Meane, John,	Staff Surg. Maj. Army	1869
McEwan, Findlay,	Carlton Place, O	1870	Meek, Jas. A.,	20 W 25th St., N York	1875
McGannon, E. A.,	Brockville, O	1885	*Meigs, Malcolm R.,		1865
McGannon, M. C.,	Lowell, Mass	1881	Menzies, John B.,	Ft. Gratiot, Mich	1879
McGannon, T. G.,	Prescott, O	1886	*Meredith, Thomas L. B.,		1842
McGarry, James,	Drummondville, O	1857	Merritt, D. P., B.A.,	Fitzroy Harbor, O	1884
McGeachy, William,	Iona, O	1867	Metcalf, Henry J.,	Thurso, Q	1876
*McGill, William,		1848	Mewburn, F. H.,	Galt Mines, N. W. T	1881
*McGillivray, Donald,		1861	Mignault, Henri A.,	St. Denis, Q	1860
McGowan, Henry W.,	Beebe Plain, Q	1867	Mignault, L. D., B.A.,	Montreal	1880
McGrath, Thomas,		1849	Miller, R., Surg. N.W.	Mounted Police,	
*McGregor, Duncan,		1861		Battleford, N W T	1870
McGuigan, W. J.,	London, O	1879	Mills, Thos. W., M.A.,	Montreal	1879
*McGuire, Bernard D.,		1873	Miner, Frank L.,	Abercorn, Q	1877
McIlmoyl, Henry A.,	Clayton, N Y	1876	*Mines, William W.,		1874
McInerney, James P.,	Kingston, N B	1884	Mitchell, Fred. H.,	London, O	1878
McInnes, Walter J.,	Victoria, O	1865	Moffatt, John E.,	Staff Surg. Army	1861
McIntyre, James,	Vankleek Hill, O	1859	Moffatt, Walter,	Pensacola, Fla	1852
McIntosh, Donald, J.,	Vankleek Hill, O	1870	Molson, Wm. A.,	Montreal	1874
McIntyre, Peter A.,	Souris, P E I	1867	Mongenaix, Napoleon,	Rigaud, Q	1865
McKelcan, George Lloyd,	Hamilton, O	1860	Monk, George H.,	Dillontown, Q	1875
McKenzie, J. T.,	Plainfield, O	1884	Moore, Charles S.,	London, O	1874
McKenzie, B. E., B.A.,	Kingston Road		Moore, Jehiel T.,	Tilsonburg, O	1874
	Toronto, O	1880	Moore, Joseph,		1852
McKenzie, K. A. J.,	Portland, Oregon	1881	Moore, Richard,		1853
McKay, John,	Woodville, O	1869	Moore, Robert C.,	St. Paul, Minn	1869
McKay, Walter,	Courtland, O	1854	Moore, William,	Aigonac, Mich	1841
McKay, J. M.,	Wallace, N S	1886	*Morin, Josh. (Hon.)		1859
McKinley, John K.,	Bristol, Q	1878	*Morrison, David R.,		1869
McLaren, Peter,	Brudenell, P E I	1869	Morrison, J., M.A.,	Waddington, N Y	1872
McLaren, Peter,	Paisley, O	1861	Mount, John W.,	Montreal	1851
McLaren, Peter,	Ormsdown, Q	1872	Munro, Alexander,	Montreal	1876
McLaren, D. C., B.A.,	Galt, O	1880	Munro, James T.,	Dominionville, O	1872
*McLean, Alexander,		1830	Muckey, F. S.,	St. Paul, Minn	1883
McLean, J. W.,	Point Hastings, N S	1883	*Murray, Charles H., B.A.,		1876
McLean, Thos. N.,	Fergus Falls, Minn	1882	Murray, D.,	Plainfield, N S	1856
McLean, J. M., B.A.,	Pictou, N S	1884	Mrs Grove, W. J.,	W. Winchester O	1882
McLellan, Jas. H.,	Tignish, P E I	1884			
*McLeod, Arch., B. A.,		1883	Neilsen, W. J.,	Winnipeg, Man	1878
McLeod, James,	Charlottetown, P E I	1878	Nelles, J. M.,	Canton, Ill	1875
McMeekin, J. W.,	Otter Lake, Mich	1885	Nelles, John A.,	London, O	1850
McMickling, George,	Goderich, O	1851	*Nelson, Horace,		1851
McMillan, Eneas J.,	Manitou, Col	1874	*Nelson, Wolfred (Hon.)		1848
McMillan, D. L.,	Alexandria, O	1885	Nelson, W. Fred D. E.,	Panama, C A	1872
McMillan, Louis J. A.,	Mansonville, Q	1869	Nelson, W. M. F.,	Montreal	1884
McMillan, John,	Pictou, N S	1857	Nesbitt, Jas. A.,	Salt Lake City, Utah	1863
McMurray, Samuel,		1841	Nicol, Wm. R.,	Watkins, N Y	1872
*McNaughton, E. P.,		1864	*Nicholls, Chs. R.,		1862
McNee, Stewart,	Rosemount, O	1879	Norton, Thomas,	Horning's Mills, O	1874

- Oakley, Wm. D., Streetsville, O 1877
 O'Brien, Thos. B. P., Srg. Maj. Army 1882
 O'Brien, Robert S., Nanaimo, B C 1873
 O'Brien, David, Renfrew, O 1873
 O'Brien, T. J., P., Kansas City, Mo 1882
 O'Brien, Timothy, Brudenell, O 1884
 O'Callaghan, Cornelius H., 1874
 O'Callaghan, T. A., B.A., Worcester, Mass 1880
 *O'Garr, Peter, 1877
 *O'Connor, Daniel A., 1857
 O'Dea, James J., Stapleton, Staten Island, NY 1879
 Odell, William, 1849
 O'Keefe, Henry, Minto, Dakota 1882
 Ogden, H. V., B.A., Milwaukee, Wis 1882
 O'Leary, James, St. Pascal, Q 1866
 O'Leary, Patrick, Mayo, P. Q 1859
 Oliver, James W., Clifton, O 1868
 O'Reilly, Charles, Toronto, O 1867
 Orton, T. H., Hamilton, O 1886
 Osborne, A. B., Hamilton, O 1886
 Osler, Wm., 131 S 15th St, Philadelphia 1872
 Palmer, G. F., Ottawa, O 1885
 *Padfield, Charles W., 1868
 Painchaud, Edward S. L., Varennes, Q 1848
 Pallen, Montrose A., New York 1864
 Palmer, Lorán L., Toronto, O 1866
 *Paquin, Jean M., 1845
 *Paradis, Henri, 1846
 *Paradis, Pierre E., 1867
 *Park, George A., 1877
 Parke, Charles S., 1866
 Parker, Rufus S., Canton, Mass 1863
 *Patterson, James M., 1835
 Paterson, James, Winnipeg, Man 1861
 *Pattee, George, 1858
 Pattee, Richard P., Plantagenet, O 1874
 *Patton, Edward K., 1867
 Pegg, Austin J., Ossian, Iowa 1872
 Pegg, Charles H., Chicago, Ill 1867
 Perks, W. C., Woodstock, O 1881
 Perrault, Victor, St. Eustache, Q 1882
 Perrier, John, Cleveland, Ohio 1868
 Perrigo, James, M. A., Montreal 1879
 Perry, H. R., Coteau Landing, Q 1873
 Phelan, C. J. R., Waterloo, Q 1895
 Phelan, James B., Chicago, Ill 1874
 *Phelan, Joseph P., 1854
 Philip, David L., Brantford, O 1863
 Phippen, S. S. G., Owosso, Mich 1883
 *Picault, Chas., 1857
 Pickup, John W., Brockville, O 1867
 Pincoucault, B., Chicago, Ill 1880
 *Pinaet, Alexis, 1840
 Pinet, Alex. R., St Laurent, Q 1864
 Pomeroy, L. E. Mc., B.A., Tweed, Q 1886
 Poole, Alf., Montreal, Q 1886
 Poole, H. E., Rossie, N Y 1880
 Porteous, Wm., Montreal 1884
 Poussette, A. Courthorpe, Sarina, O 1869
 Powell, F. H., Ottawa, O 1885
 Powell, Israel Wood, Victoria, B C 1860
 Powell, Newton W., Cobourg, O 1850
 *Powell, Robert H. W., Ottawa, O 1876
 Powers, George W., Eaton Cor., Q 1861
 Powers, LaFontaine B., Port Hope, O 1867
 Pringle, George, Cornwall, O 1885
 Pringle, A. F., Northfield, Minn 1880
 Pringle, W. R., Cornwall, O 1886
 Prosser, W. O., Le Mars, Ply Co., Iowa 1874
 Proudfoot, John S., Susp'on Bridge, O 1848
 Proudfoot, Alex., Montreal 1869
 Prouts, Phileas, Montreal 1844
 *Prevost, E. Gilbert, 1839
 Pulford, F. W., Stonewall, Man 1880
 *Quarry, James J., 1868
 *Quessel, Jules M., 1819
 Rae, J. Hamilton (Hon.), London, Eng 1873
 *Rauville, Pierre, 1863
 Rambault, J., Dep. Insp. Gen Army 1829
 *Ratray, Charles J., 1871
 Ratray, James C., Cobden, O 1874
 Raymond, Olivier, Montreal 1880
 Raymond, Alf., Montserrat, Q 1886
 Raymond, G. H., B.A., Springfield, NB 1886
 Read, Herbert H., Halifax, N S 1881
 Redner, Horace P., Londale, O 1884
 Reddick, Robert, West Winchester, O 1874
 Reddy, Herbert L., B.A., Montreal 1876
 *Reddy, John (ad eum), 1876
 Reed, Thomas D., Montreal 1871
 Reed, John A., Sault Ste Marie, O 1871
 Reid, Alex. Peter, Halifax, N S 1888
 *Reid, Kenneth, 1861
 Renner, W. Scott, Jordan Station, O 1884
 Reynolds, T. W., Hamilton, O 1881
 Reynolds, Robert T., Berlin, O 1857
 *Reynolds, Thomas, 1842
 Richard Marcel, Manchester, N H 1861
 Richmond, P. E., Mt Pleasant, Minn 1873
 Ridley, Henry Thomas, Hamilton, O 1882
 *Rivelle, Etienne R. E., 1857
 Ribley, Oscar H., Moer's Forks, Clinton Co., N Y 1879
 Rinfret, Ferdinand R., Quebec 1868
 *Rintoul, David M., 1874
 Richardson, J. R., Archer av., Chicago 1865
 Riordan, B. L., Toronto, O 1880
 Ritchie, A. F., B.A., Duluth, Minn 1876
 Ritchie, John L., Army Med. Dept 1871
 *Roberts, Edward T., 1829
 Roberts, John E., B.A., Montague, Jam., W I 1867
 Robertson, A. M., 1885
 Robertson, James E., Montague, P E I 1865
 Robertson, David, Milit u., O 1884
 Robertson, David T., Lennoxville, Q 1867
 Robertson, Patrick, St Andrews, Q 1867
 Robertson, F. D., B.A., Lennoxville, Q 1886
 Robillard, Adolphe, Ottawa, O 1880
 Robinson, Stephen J., Brantford, O 1867
 Robinson, Wesley, Markham, O 1867
 Robitaille, Louis, New Carlisle, Q 1826
 Robitaille, L. T., Quebec 1858
 *Robitaille, Thomas G., Montreal 1868
 Rodger, Thomas A., Montreal 1869
 Rogers, E. J. A., Denver, Col 1881
 Rogers, Ames, Ottawa, O 1874
 Rooney, R. F., Auburn, Placer Co., Cal 1879
 *Ross, George, M. A., Montreal 1866
 *Ross, James, B.A., Dundas, O 1881
 Ross, G. T., Montreal 1880
 Ross, L. D., Detroit, Mich 1884
 Ross, W. K., Kansas City, U S 1883
 Ross, Thomas, 1863
 *Ross, Henry, 1872
 Ross, William G., Ashburn, New Z 1871
 *Ross, Wm. D., 1875
 Ross, J. W., Cohoes, N Y 1881
 Ross, L. F., B.A., Montreal, Q 1886
 Rowat, W. M., Manotick, O 1886
 Rowell, G. B., Montreal, Q 1884
 Rugg, Henry C., Perth, O 1865
 *Ruusey, William, 1880
 Rutherford, M. C., Fergus Fall, Minn 1879
 Rutherford, Char-aden, M. A., Chicago 1882
 Rutledge, Am. J., Mamtoba 1885
 Ruttan, Allen, Nipawee, O 1882
 Ruttan, A. M., New York 1880
 Ruttan, R. F., Montreal 1884
 *Sabourin, Moise, 1849
 Sampson, James (Hon.), 1847

Sanderson, George W.,	Toronto, O	1850	*Stevenson, John L.,		1855
Savage, Thos. Y.,	Thistle town, O	1854	*Stevenson, John A.,		1873
*Savage, Alex. C.,		1866	Stevenson, Robert A.,	Strathroy, O	1871
*Sawyer, James H.,		1863	Stewart, Alexander,	Palmerston, O	1872
*Schmidt, Samuel B.,		1847	Stewart, Andrew,		1884
Schmidt, A. F.,	Montreal, Q	1886	*Stewart, John Alexander,		1862
Schmidt, A. J.,	Fairbault, Man	1886	Stewart, James,	Montreal	1869
*Schofield, David T.,		1854	Stewart, J. O.,		1880
Scott, John G.,	Hazeldean, Co Carl, O	1879	Stephenson, James,	Iroquois, O	1850
Scott, Stephen A.,		1854	Stimpson, Alfred O.,	Thompson, Pa	1868
*Scott, William E.,		1844	St. John, Leonard,	Chicago, Ill	1872
Scott, Wm. F.,	Hull, Q	1875	Storrs, A.,	Mexborough, York, Eng	1876
Scott, W. McE.,	Winnipeg, Man	1883	*Strobridge, James Gordon,		1862
*Scriven, George Augustus,		1846	Struthers, A. D.,	Frelighsburg, Q	1881
Senger, Francis R.,	Brigden, O	1870	Struthers, B. R.,	Rochester, Minn	1883
Secord, Levi,	Bright, O	1876	Stroud, C. S.,	Norway, Benton Co., Iowa	1876
Seery, F. J.,	Fredericton, N B	1886	*Sutherland, Fred. Dunbar,		1864
Setce, Edward W.,	Heuvelton, N Y	1878	Sutherland, Walter,	Orms town, Q	1871
Sequin, André,	Rigaud, Q	1848	*Sutherland, William,		1836
Senkler, A. E.,	St. Paul, Minn	1863	*Sutherland, William,		1870
Serviss, T. W.,	Scelina, Frisco Co., Cal	1881	Sutherland, William Dunbar,	Montreal	1879
Seymour, M. M.,	Winnipeg, Man	1879	Switzer, Egerton R.,	Salina, Ks	1865
*Sewell, Stephen C. (ad eun),		1843	Tabb, Silas E., M.A.,	Sherbrooke, Q	1868
Sewell, Colin (ad eun),	Quebec	1869	*Tait, Henry Thomas,		1860
Shanks, J. C.,	Howick, Q	1881	Taylor, Wm. H.,	Peterboro, O	1859
Sharp, J. C.,	Maysville, N B	1885	Taylor, Sullivan A.,	Gilmon ton, N H	1872
Sharp, Wm.,	South Toledo, Ohio	1870	Tew, H. S.,	Wakefield, York, Eng	1864
Shaw, Alexander,	Watertown, Dak	1882	Temple, James A.,	Toronto	1865
Shaw, W. F.,	Bracebridge, O	1879	Thayer, Linus O.,	Montreal	1859
Shaver, Peter Rolph,	Stratford, O	1854	*Theriault, F. D.,		1863
Shaver, W. H.,	Wales, O	1883	Therion, Honore,	Bedford, Q	1863
*Shaver, R. N.,		1857	Thomas, W. R.,	Elkhart, Man	1886
Shibley, J. L., B.A.,	Yarker, O	1858	*Thompson, James,		1842
Shepherd, Francis J.,	Montreal	1873	Thompson, Robert,	Brantford, O	1852
Sherk, George,	Cheapside, O	1865	Thompson, Wm. A.,	New Richmond, Q	1882
Shoebottom, Henry,	Port Huron, Mich	1857	Thornton, Hastwell W., B.A.,	New Richmond, Q	1882
Shuffelt, W. A.,	250 W 11th St. N York	1881	Tracey, A. W.,	West Meriden, Conn	1873
Sihler, G. A.,	Simcoe, O	1883	Trenholme, Edward Henry,	Montreal	1862
*Sinard, Amable,		1852	*Trudel, Eugene H.,		1844
Simpson, Thomas,	Montreal	1854	Trucman, J. E.,	Macan, N S	1881
Sinclair, Coll,	Aylmer, O	1874	*Turgeon, Louis G.,		1860
Small, H. B.,	Ottawa	1880	Turnbull, R.,	Fort McLeod, N.W.T	1886
*Smallwood, John R.,		1868	Tuzo, Henry A.,		1853
Sinellie, T. S. J., M.A.,	Pr Arthur's Landing, O	1877	†Tunstall, Simon J., B.A.,	Litton, B C	1875
Smiley, J. S.,	Portsmouth, Iowa	1880	Usher, Henry,	Walkerton, O	1861
*Smith, Daniel D.,		1868	Vannorman, J. M.,	Detroit, Mich	1850
Smith, Daniel F.,	Walkerton, O	1878	*Vercoe, Henry L.,		1865
Smith, E. H.,	2700 Wentworth Ave., Chicago	1885	*Vicat, John R.,		1867
Smith, E. H.,	Fullarton, Neb	1881	†Vineberg, Hiram N.,	New York	1878
*Smith, Edward W.,		1859	Wagner, A. Dixon,	Cornwall, O	1872
Smith, John,	Portland, Oregon	1879	Wagner, G. C.,	Dickinson's Ldg, O	1881
Smith, Norman A.,	Frelighsburg, Q	1870	*Wagner, William H.,		1844
Smith, William,	Lachute, Q	1876	Wakman, William,	Quebec	1866
Smith, Edward W., A B.,	West Meriden, Conn	1882	Wales, Benjamin N.,	Robinson, Q	1874
Smith, W. A. de W.,	Montreal, Q	1884	*Walker, Robert,		1851
Smyth, H. E.,	Marlboro', Mass	1885	Walker, Felix D.,	Lauching, P E I	1884
Smythe, T. W.,	Colonel 100th Regt, Dover, Eng	1848	Wallace, Isaac U.,	Milton, Q	1874
Snider, Frederick S.,	Teeterville, O	1870	Walsh, Edmond C.,	Madrid, N Y	1866
Sparham, Terence,	Brookville, O	1841	Watson, George O.,	Barbadoes, W I	1873
Sparham, E. R.,		1852	Wauless, John R.,	Dunedin, New Z	1867
Spear, Andrew M.,	Danville, Q	1874	Ward, William T.,	Morristown, Minn	1873
Spencer, R.,	Brandon, Man	1879	Ward, Michael O'B.,	Montreal	1875
*Squire, William Wood, M.A.,		1864	Warren, Frank,	Brooklin, O	1872
Stafford, Fred. J.,	Little Bay, Nfld	1878	*Warren, Henry,		1860
Stanton, George,	Simcoe, O	1868	Waugh, William,	London, O	1872
Stark, George A.,	Milwaukee, Wis	1872	Weagant, C. A.,	Yarker, O	1879
*Staunton, Andrew,		1846	*Webb, James T. S.,		1871
Stephen, William,	Rosario, Agentino Republic	1881	Webster, Arthur D.,	Edinburgh, S	1878
Stevens, Alex. D.,	Dunham, Q	1857	Weilbrenner, Remi,	Port Neuf, Q	1851
Stevenson, Charles N.,	Coaticook, Q	1876	*Weir, Richard,		1852
Stevenson, Hans,	Wakefield, Q	1880	*Wherry, John,		1862
Stevenson, J. M.,	Bryanston, O	1856	White, F. J.,	Greenspond, Nfld	1886

White, W. W., M.A.,	St Johns, N B	1886	Woods, David,	Staff Surgeon Army	1869
Whitecomb, Josiah V.,	Omaha	1848	†Wood, Edwin Geo.,	Londsboro, O	1885
Whiteford, James W.,	Winnipeg, Man	1873	Wood, George C.,		1845
Whiteford, Richard,	Toledo, Ohio	1857	Wood, George,	Faribault, Minn	1862
Whitwell, W. P. O.,	Philipsburg, Q	1860	Wood, Ed S.,	Faribault, Minn	1883
•Whyte, Joseph A.,		1870	Wood, Hannibal W.,	Knowlton, Q	1865
Wigle, Hiram,	Wiarton, O	1875	Woods, Jno J. E.,	Aylmer, Q	1875
•Widmer, Christopher (Hon.)		1847	Woodful Sam Pratt.,	Surg Maj.	1864
•Wilcox, Marshall B.,		1868	Woolway, C. J.,	Copper Falls, Mich	1875
Wilkins, George (ad eun),	Montreal	1886	•Workman, Benjamin,		1853
Williams, J.,	Boston, Mass	1881	Workman, Joseph,	Toronto	1835
Williams, J. F.,	Barrie, O	1886	Worthington, Edward (ad eun)	Sher-	
Williston, H. V., M.A.,	Newcastle, NB	1873	brooke, Q		1868
Willson, J. A. K.,	C. P. R	1885	Worthington, A. N.,	Montreal, Q	1886
Wilson, Benjamin S.,	Belleville, O	1866	Wright, John W., B.A.,	Pictou, O	1878
•Wilson, Robert M.,		1850	Wright, Henry P.,	Ottawa	1872
Wilson, William,	Ottawa	1857	Wright, Stephen,	Ottawa, O	1859
Wilson, Samuel F.,	Millstream, Kings		Wright, William,	Montreal	1848
	Co., N B	1884	Wye, John H.,	29 Farrington Sq.,	
Wilson, C W.,	Cumberland, O	1886		London	1868
•Wilsam, John Wilbrod,		1846	Young, Philip R.,	Clarencerville, O	1876
Wishart, D. J. G.,	Toronto, O	1885	Young, Robert C.,	Ridgectown, O	1873
Woolverton, A., M.A.,	Hamilton, O	1868	Youker, William,	Belleville, O	1870

• Deceased.

† Medallist.

EXAMINATION PAPERS—SESSION 1885-86.

MATRICULATION EXAMINATIONS.

LATIN.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

NOTE.—Candidates may choose between Cicero and Virgil.

1. Translate, *without unnecessary change of construction*—

(a) Ibis tandem aliquando, quo te jampridem tua ista cupiditas effrenata ac furiosa rapiebat. Neque enim tibi hæc res affert dolorem, sed quamdam incredibilem voluptatem. Ad hanc te amentiam natura peperit, voluntas exercuit, fortuna servavit. Numquam tu non modo otium, sed ne bellum quidem, nisi nefarium concupisti. Natus es ex perditis atque ab omni non modo fortuna, verum etiam spe derelictis conflatum improborum manum. Hic tu qua lætitia perfruere? quibus gaudiis exsultabis? quanta in voluptate bacchabere, quum in tanto numero tuorum neque audies virum bonum quemquam, neque videbis? Ad hujus vitæ studium meditati illi sunt, qui feruntur, labores tui: jacere humi non modo ad obsidendum stuprum, verum etiam ad facinus obeundum: vigilare non solum insidiantem somno maritorum, verum etiam bonis occisorum.

(b) Atque v. ejus diversa studia in dissimili ratione perspicere possitis; nemo est in Iudo gladiatorio paullo ad facinus audacior, qui se non intimum Catilinæ esse fateatur; nemo in scena levior et nequior, qui se non ejusdem prope sodalem fuisse commoret. Atque idem tamen, stuprum et scelerum exercitatione assuectus, frigore et fame et siti ac vigiliis perferendis fortis ab istis prædicabatur, quum indigne subsidia atque instrumenta virtutis in libidine audaciaque consumeret. Hunc vero si secuti erunt sui comites, si ex Urbe exierint desperatorum hominum flagitiosi greges, o nos beatos, o rempublicam fortunatam, o præclaram laudem consulatus mei!

2. Parse all the words of:—*Neque enim tibi hæc res affert dolorem, sed quamdam incredibilem voluptatem together.*

3. Give the principal parts of the verbs, *affert, peperit, concupisti, nactus es, jacere.*

4. Explain the terms Deponent, Inceptive, Frequentative, Desiderative as applied to Verbs, and give an example of each.

5. Give the derivation of *cupiditas*, *incredibilis*, *consulto*, *insidians*, *assuefacio*. State the force of each component part.

6. Write short explanations of:—

(a) *Qua letitia perfruere*. What case is this? Give Rule.

(b) *Jacere humi*. Account for this genitive.

(c) *Ad facinus obcundum*. Explain fully what is called the gerundive construction.

(d) *In ludo gladiatorio*. What were these *ludi*?

(e) *Si ex Urbe exierint*. What tense? Is the *Mood* Indicative or Subjunctive? Your reason?

VIRGIL.

1. Translate, *without unnecessary change of construction*:—

(a) Sic ait, et dicto citius tumida æquora placat,
 Collectasque fugat nubes, solemque reducit.
 Cymothoë simul et Triton admixus acuto
 Detrudunt naves scopulo; levat ipse tridenti,
 Et vastas aperit syrtes, et temperat æquor;
 Atque rotis summas levibus perlabitur undas.
 Ac voluti magno in populo quum sæpe coorta est
 Seditio, sævitque animis ignobile vulgus;
 Jamque faces et saxa volant; furor arma ministrat:
 Tum, pietate gravem ac meritis si forte virum quem
 Conspexere, silent, arrectisque auribus adstant;
 Iste regit dictis animos, et pectora mulcet:
 Sic cunctus pelagi cecidit fragor, æquora postquam
 Prospiciens genitor, cœloque invectus aperto,
 Flectit equos, curruque volans dat lora secundo.

(b) Obstupuit primo aspectu Sidonia Dido,
 Casu deinde viri tanto; et sic ore locuta est:
 " Quis te, nate dea, per tanta pericula casus
 Insequitur? quæ vis immanibus applicat oris?
 Tunc ille Æneas, quem Dardanio Anchisæ
 Alma Venus Phrygii genuit Simoëntis ad undam?
 Atque equidem Teucrum memini Sidona venire.
 Finibus expulsum patriis, nova regna petentem
 Auxilio Beli: genitor tum Belus opimam
 Vastabat Cyprum, et victor ditione tenebat:

Tempore jam ex illo casus mihi conitus urbis
Trojanæ, nomenque tuum, regesque Pelasgi.
Ipse hostis Teucros insigni laude ferebat,
Seque ortum antiqua Teucrorum ab stirpe volebat.
Quare agite, o tectis, juvenes succedite nostris.
Me quoque per multos similis fortuna labores
Jactatam hac demum voluit consistere terra.
Non ignara mali miseris succurrere disco."

2. Parse all the words of:—*Obstupuit primo aspectu* Sidonia Dido, casu deinde riri tanto. Decline those that are italicised, taking *primo aspectu* together. Decline also *quæ ris* together.

3. Give the principal parts of the verbs, *aperit, perlabitur, conspexere, genuit, expulsus*.

4. Explain the terms Deponent, Inceptive, Frequentative, Desiderative, as applied to verbs, and give an example of each.

5. Give the derivation of *periculum, auxilium, fragor, secundus, juvenis*.

6. Write short explanations of:—

- (a) *Iste regit dictis animos*. Why would *ille* be better?
 (b) *Curruque volans dat lora secundo*. In what case is *curru*, and why?
 (c) *Sidona venire*. In what case is *Sidona*, and why?
 (d) *Tectis succedite nostris*. Is *tectis* in the dative or ablative? Your reason?
 (e) *Non ignara mali*. What adjectives are followed by a genitive?

OPTIONAL SUBJECT.

GREEK.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, *without unnecessary change of construction*, the following extract from the Anabasis of Xenophon:—

Τὸ δὲ σίμπαν δήλος ἦν Κίρος ὡς σπεύδων πᾶσαν τὴν ὁδὸν καὶ οἱ διατρίβων, ὅπου μὴ ἐπιστισμοῦ ἕνεκα ἢ τινος ἄλλου ἀναγκαίου ἐκἀθέζετο, νομίζων, ὅσω μὲν ἂν θᾶπτον ἰλθοί, τοσοῦτω ἀπαρασκευαστοτέρῳ βασιλεὶ μάχεσθαι, ὅσω δὲ σχολαιώτεροι, τοσοῦτω πλείον σιναχειρεσθαι βασιλεὶ στράτευμα. Καὶ συνιδεῖν δ' ἦν τῷ προσέχοντι τὸν κοῖν ἢ βασιλέως ἀρνήν ὡλήθει μὲν χώρας καὶ ἀνδρῶπων ἰσχυρὰ οὔσα, τοῖς δὲ

μήκεισι τῶν ὀδῶν καὶ τῷ διεσπᾶσθαι τῆς δυναμεις ἀσθενῆς, εἰ τις διὰ ταχίων τοῦ πόλεμον ἐποιεῖτο. Πέραν δὲ τοῦ Εὐφράτου ποταμοῦ κατὰ τοὺς ἐρήμους σταθμοὺς ἦν πόλις εὐδαίμων καὶ μεγάλη, ὄνομα δὲ Χαρμάνθη· ἐκ ταύτης οἱ στρατιῶται ἠγόραζον τὰ ἐπιτήδεια σχεδίας διαβαίνοντες ὧδε διφθέρας, ἃς εἶχον στεγάσματα, ἐπίμπλασαν χόρτον κόφρον, εἶτα σιτήην καὶ σινάπιν, ὡς μὴ ἄπτεσθαι τῆς κάρφης πρὸ ὕδωρ· ἐπι τούτων διέβαινον καὶ ἐλάμβανον τὰ ἐπιτήδεια, οἶνον τε ἐκ τῆς βαλάνου πεποιημένον τῆς ἀπὸ τοῦ φοίνικος καὶ σίτον μελίνης· τοῦτο γὰρ ἦν ἐν τῇ χώρᾳ πλειστον.

2. Parse *πᾶσαν τὴν ὀδόν, ἔλθοι, ἐκαδίετο, διεσπᾶσθαι, μήκεισι*. Decline such of these as are declinable.

3. Give the 1st person singular of the Present, Future, Perfect and 1st or 2nd Aorist Indicative of the verbs *ἔλθοι, σιτυδεῖν, εἶχον, ἐπίμπλασαν, διέβαινον*.

4. Write in order the Positive, Comparative and Superlative of *θάπτον, πλέον, ἰσχυρά, εὐδαίμων, μεγάλη*.

5. Write short notes explanatory of—

- (a) *σπεύδων πᾶσαν τὴν ὀδόν*. Why is the accusative used?
- (b) *τῆς δυναμεις ἀσθενῆς*. In what case is *δυναμεις*, and why?
- (c) *ἃς εἶχον στεγάσματα*. Explain the case *στεγάσματα*.
- (d) *ἐπίμπλασαν χόρτον κόφρον*. Why genitive? Give the Rule.
- (e) *ἄπτεσθαι τῆς κάρφης*. Why genitive again? What is the Rule?

ENGLISH.

Exam'incr..... H. ASPINWALL HOWE, M.A., LL.D.

1. What is meant by *inflection*? Give examples of forms of inflection that still survive in the English Language.

2. Define *adjective*, and give its derivation. Assign each of the following adjectives to its proper class:—*each, some, honest, eight, many, those*. Give three examples of adjectives used as nouns.

3. State the different ways of forming the past tense and past participle of a verb. Give these parts of the verbs *fall, lay, lie, wring, beat, see, saw, sew, sow, swim*. What parts of verbs may be used (a) as nouns, and (b) what as adjectives?

4. Discuss the following statement:—All pronouns are *relative*. It would be better therefore to distinguish the pronoun *who* by the name *conjunctive*

pronoun, and this view is confirmed by examining into the composition of the Latin relative *qui*.

5. What is meant by *prefix* and *suffix*. Give the meaning and derivation of the following words, indicating the force of each component part.—*death, darling, casual, causal, inadvertent, reptile, balloon, autobiography, telegraph, telegram.*

6. Analyze:—

An inadvertent step may crush the snail
That crawls at evening in the public path;
But he that has humanity, forewarned;
Will tread aside and let the reptile live.

7. Parse the words found in italics below:—

(a) The translation will be read *when* the original is *so gotten but not till then*.

(b) *Fearing that* the load was injuring the horse, I felt no pleasure in *travelling* through that entrancing scenery.

8. Correct or improve:—

(a). I chose the smallest of the two, because it seemed most preferable.

(b). He said he won't give me none.

(c). These sort of men are sure not to speak true, like we do.

9. Write a short composition on "Athletic Sports."

FRENCH.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, as closely as difference of idiom will admit:

Trois paissants rois menaçaient ainsi l'enfance de Charles XII. Les bruits de ces préparatifs consternaient la Suède, et alarmaient le conseil. Les grands généraux étaient morts; on avait raison de tout craindre sous un jeune roi qui n'avait encore donné de lui que de mauvaises impressions. Il n'assistait presque jamais dans le conseil que pour croiser les jambes sur la table; distrait, indifférent, il n'avait paru prendre part à rien.

Le conseil délibéra en sa présence sur le danger où l'on était: quelques conseillers proposaient de détourner la tempête par des négociations; tout

d'un coup le jeune prince se lève avec l'air de gravité et d'assurance d'un homme supérieur qui a pris son parti: "Messieurs, dit-il, j'ai résolu de "ne jamais faire une guerre injuste, mais de n'en finir une légitime que "par la perte de mes ennemis. Ma résolution est prise; j'irai attaquer le "premier qui se déclarera; et quand je l'aurai vaincu, j'espère faire quel- "que peur aux autres." Ces paroles étonnèrent tous ces vieux conseillers; ils se regardèrent sans oser répondre. Enfin, étonnés d'avoir un tel roi, et honteux d'espérer moins que lui, ils reçurent avec admiration ses ordres pour la guerre.

2. May the indefinite pronoun *on* be used as a feminine and as a plural? Give two examples shewing either that it can or that it cannot. When is *l'on* used instead of *on*?

3. What is the distinction between *conjunctive* and *disjunctive* personal pronouns? Illustrate your answer by examples introducing *il* and *lui*.

4. When is *some* translated by *quelques* and when by *des*? and when is *de* used for *des*. Give examples.

5. Write out the Present of *s'en aller*, the Imperfect of *prendre*, the Past Definite of *craindre* and the Future of *faire*, all in the Indicative mood. Write out also the Present and Imperfect Subjunctive of *dire*.

6. Write a few phrases shewing the idiomatic use of the verbs *faire* and *venir*.

BRITISH HISTORY.

Examiner..... H. ASPINWALL HOWE, M.A., LL.D.

1. On what did William the Conqueror base his claim to the throne of England? What were the prominent traits of his character?

2. Name the foreign possessions of Henry II. State how and when each was acquired and how and when lost?

3. Write a short sketch of the reign of Richard II.

4. What circumstances and causes led to the accession of William of Orange to the throne of England?

5. How did England acquire Canada? Of what European war was this acquisition an episode? How did she lose her American Colonies?

6. What great events are associated with Thomas à Becket, the Black Prince, John Hampden, General Monk, Clive?

GEOGRAPHY.

Examiner.....H. ASPINWALL HOWE, M. A., LL.D.

1. State some of the causes which determine climate. Name countries and places which may illustrate your answer.

2. Give the names and position of the great lakes in Central Africa discovered within the last 30 years. Trace the course of the Nile, the Congo and Zambesi.

3. A ship sails from the Sea of Azov to Cronstadt in the Baltic. Mention the seas and straits she will traverse, and the principal towns, capes, etc., she will pass by.

4. What facilities for communication have been effected by the Suez Canal, and will be effected by the Panama Canal?

5. Where and what are:—Alaska, Delhi, Khartoum, Mandalay, Riga, Socotra, the Garenne, Port Said, the Caucasus, Baikal?

ARITHMETIC.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

NOTE.—The full working of each question must be given.

1. If 1 qr. 23 lbs. be the quotient, 672 the divisor, and 1 qr. 19 lbs. the remainder, what is the dividend? Obtain the answer without reducing the quantities to lbs., and by using the factors of 672.

2. Divide \$85.50 among A, B and C, so that B's share may be $\frac{1}{3}$ of A's, and that C may have \$3 more than A and B together.

3. Simplify without converting into vulgar fractions:

$$\frac{.0088425 - .00183}{.065}$$

4. A substance, in undergoing a process, lost 42 per cent. of its weight, which after the process was 1102 lbs. What was the weight before the process?

5. When the Three per Cent. Stock is at 96, I can obtain £1 more of annual income than when it is at 97. How much money have I to invest?

ALGEBRA.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. What must be the value of c in order that $x^2 + 7x + c$ may be exactly divisible by $x + 4$?

2. Reduce the fraction $\frac{(x^2 - b^2)(x - b)}{(x^2 + b^2 - 2bx)(bx + x^2)}$ to its lowest terms.

3. Simplify $\left(a - b + \frac{b^2}{a + b}\right) \div \left(a + b + \frac{b^2}{a - b}\right)$

4. Solve the simultaneous equation—

$$\left\{ \begin{array}{l} \frac{a}{x} + \frac{b}{y} = m \\ \frac{b}{x} - \frac{a}{y} = n \end{array} \right.$$

5. A clock loses at the rate of $5\frac{1}{2}$ seconds an hour when the fire is burning, and gains at the rate of $5\frac{1}{2}$ seconds when the fire is out. On the whole it neither gains nor loses; how long in the 24 hours is the fire burning?

GEOMETRY.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. Prop. 26, Bk. I. If two triangles have their bases equal, the triangles are equal in every respect.

2. Enunciate Prop. 34, Bk. I. Define *parallelogram* and *rhombus*. Prove that the diagonals of a parallelogram bisect each other, and further, that in a rhombus they bisect at right angles.

3. Prop. 9, Pk. II. If a straight line be divided into two equal and also into two unequal parts are together double of the square on half the line and of the square on the line between the points of section.

4. Prove, by aid of the preceding, that if a straight line be drawn from the vertical angle of a triangle to the middle of the base, the squares on the sides of the triangle are together double of the squares on half the base and on the line drawn from the vertex to the middle of the base.

NATURAL PHILOSOPHY.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. Determine by a geometrical construction the resultant of three forces acting on a particle in given directions in the same plane.
2. Explain the meaning of. (a) uniform motion; (b) uniformly accelerated motion; (c) retarded motion; and state how such effects are produced. Why does not motion cease when the cause which produces motion ceases to act?
3. Give some illustrations of phenomena to which the forces of *chemical affinity, cohesion* and *adhesion* come respectively into play.
4. In what respect does a *liquid* differ from a *gas*? How may it be proved that a gas is effected by gravity.
5. If the S. G. of sea-water is 1.0623 and that of ice .9214, how much of the volume of a floating iceberg is below the surface of the water?

CHEMISTRY.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. What is understood by *standard temperature*, and *pressure* in the measurement of gases?
3. Give the formula for *water*, and explain how you would shew that this formula correctly represents the composition of water.
3. State the mode of preparation, the properties and uses of *chlorinated lime* or *bleaching powder*.
4. How would you detect *iodine* in *iodides*, and how may the element be obtained from an iodide?
5. Name *alkali metals*, and describe two important compounds of any one of them.

BOTANY.

Examiner.....H. ASPINWALL HOWE, M.A., LL.D.

1. Describe the *germination* of a *seed*, such as that of maple.

2. Draw a *leaf* answering to the following description:—*cordate, margin serrate, apex acute.*

Describe fully the structure of *apple fruit* or *pome.*

4. What are *root stocks*, and how may they be distinguished from true roots?

5. Name Canadian plants that bear:—*bilabiate corollas, catkins, podix, samaras drupe.*

PROFESSIONAL EXAMINATIONS.

FIRST YEAR.

BOTANY.

Examiner..... PROF. D. P. PENHALLOW, B. Sc.

1. Explain the process of nutrition.
2. Explain the physiological movement of water and its relation to growth.
3. Explain respiration.
4. Compare the functions of Metastasis and Assimilation.
5. Explain the functional value of Antherozoids, Embryo Sac, Archegonium and pollen grain.
6. Explain the functional value of the Prothallus, and show its equivalent in the Phenogams.

PHYSICS.

Examiner..... G. P. GIBBON, M.I.

1. Describe the physical properties of matter.
2. What are the different conditions in which we find matter, and the causes which modify them?
3. Describe the physical and chemical properties of the atmosphere.
4. Show the relation between specific heat, atomic heat, and latent heat.

5. What is meant by a primary and secondary current?
Describe the difference between them.

HISTOLOGY.

Examiner..... PROF. G. WILKINS, M.D., M.R.C.S., ENG.

1. Describe the structure of lymphatic vessels and glands. Where found? Name some lymph glands.
2. Describe a medullated nerve-fibre.
3. Describe the mucous and submucous coat of the digestive tract, commencing at the oesophagus and terminating in the large intestine.

SECOND YEAR.

CHEMISTRY.

Examiner..... PROF. G. P. GIRDWOOD, MD.

1. Describe the method of making a galvanic battery, simple and compound.
What are the differences between them?
What would you obtain by decomposing water, Hydrochloric Acid and Potassium Sulphide in solution by a galvanic current?
2. What is the actinic portion of the spectrum?
Give examples of the effect of light producing chemical action.
3. What mechanical contrivances depend for their action upon the weight of the atmosphere?
4. Describe preparation and properties of Nitric Acid and Ammonia.
5. Give a summary of what occurs where a jet of illuminating gas is burning.

PRACTICAL CHEMISTRY.

Examiner..... PROF. G. P. GIRDWOOD, M.D., M.R.C.S.E.

1. What weight of copper is necessary, to decompose sufficient sulphuric acid to yield 5.52 litres of sulphur dioxide?

2. Write equations for the preparation of a compound of Hydrogen, with (1) Nitrogen, (2) Sulphur, (3) Phosphorus, (4) Arsenic, (5) Silicon.
3. With what other elements are (a) Sulphur, (b) Manganese grouped? For what reasons are they so grouped?
4. Give chief Chemical and Physical properties of (a) Sodium, (b) Nitrous Oxide, (c) Arsenic Oxide, (d) Carbon Disulphide.
5. Compare by graphic formulæ the following classes of organic compounds:—(a) Amides, (b) Amines, (c) Cyanides.
Construct an homologous series of either class.
6. How are Chloral and Sulphuric Ether made?
How is Chloral changed into Chloroform?
What is the vapour density of Ether?

PHYSIOLOGY.

Examiner.....PROF. T. WESLEY MILLS, M.A., M.D.

1. *Electric Currents of Muscle and Nerve*:
(a) Principal facts. (b) Different views as to their nature. (c) Arguments advanced *pro* and *con*. (d) State how the degree of irritability of a nerve may be made to vary. (e) The bearing of this on medical practice.
2. *The Heart beat in the mammal*:
(a) Different conditions causing it to vary. (b) The explanation of these. (c) Influence of these variations on blood pressure.
3. *Suppose the Blood Pressure being taken in the Carotid Artery of a rabbit*:
(a) Define the conditions associated with decided rise and fall of blood pressure. (b) Explain the causes of the latter (fall).
4. *Digestive Functions of Bile, and Theories of Fat absorption*:
(a) Functions of the bile in digestion. (b) Evidence for your views. (c) Theories of fat absorption with special reference to Schäfer's. (d) On what foundation do these theories rest?
5. *Blood coloring matters*:
(a) The principal kinds known. (b) Conditions under which found. (c) Under what form expelled from the body. (d) The grounds on which your statements are based.

6. *Secretion of urine :*

(a) Different views as to the secretion of the solids and the water of the urine respectively. (b) The experimental evidence on which these views are founded.

7. *Fat in the mammal :* (a) How laid up. (b) Why so variable in quantity. (c) Source and formation. (d) Importance. (e) The grounds for your views in every case.

8. *Movement of the Iris :* (a) Muscular mechanisms. (b) Nervous mechanisms. (c) Experimental evidence on which your views of the latter are founded. (d) Difficulties to be met.

9. *The Cord is divided in a dog in the lower dorsal region :*

(a) The various immediate consequences. (b) The permanent ones. (c) The functions of the cord that remain finally intact. (d) Explanation of the above and the experimental demonstration of the same.

10 *Explain the origin of the following structures :* (a) Spinal cord and brain. (b) Amnion. (c) Allantois. (d) Heart. (e) Ovary. (f) Bladder. (g) Eye.

11. *A patient has the following symptoms :* (a) Sees double. (b) Ha. drooping of right upper eyelid. (c) One corner of mouth drawn up. (d) Tendency to inflammation of nasal mucous membrane. (e) Difficulty in articulation. Assuming these all to be due to nervous derangements, diagnose the case on purely physiological principles?

N.B. (1) Only six questions to be answered.

(2) In estimating the value of the answers to the above questions special attention will be paid to the *handling* of the facts and the *quality* of the work rather than to an enumeration of facts merely.

(3) The judicious use of diagrams will be considered of special importance.

MATERIA MEDICA AND THERAPEUTICS.

Examiner..... PROF. JAS. STEWART, M.D.

1. Name the drugs that influence the secretion of bile.

What practical applications can be made of agents possessing these properties?

2. Describe fully two or more methods by which the following drugs may be introduced into the circulation : Mercury, Iodine, Cod Liver Oil, Iron, and Arsenic.

3. What symptoms result from the deposition of Lead, Mercury and Arsenic in the different tissues ?

What tissues are especially liable to be the seat of these poisons ?

What measures would you resort to to get rid of them ?

4. Compare the antipyretic actions of Quinine, Salicylic Acid, Antipyrin and Thallin.

5. Compare the purgative actions of Castor Oil, Elaterium, Iridin and Sulphate of Magnesia.

6. Mention the more important uses of Iron and Arsenic.

Compare the hæmatinic action of these agents.

ANATOMY.

Examiners { PROF. FRANCIS J. SHEPHERD, M.D.
 { PROF. RICHARD L. MACDONNELL, B.A., M.D.

1. Give a short description of the course and relations of the large vessels entering the right auricle of the Heart, and mention their mode of formation.

2. Give the dissection necessary to expose the ulnar artery.

3. Œsophagus, its course and relations.

4. Name, in their proper order, the muscles forming the boundaries of the Popliteal space, and give the origin, insertion, actions and nerve supply of each muscle mentioned.

5. Mention the Bones entering into the formation of the Ankle Joint, and give a short description of one of them.

6. Describe the course and distribution of the Hypoglossal nerve.

PRACTICAL ANATOMY.

THE DEMONSTRATOR'S PRIZE.

(*Second Year.*)

Examiners { R. L. MACDONNELL, B.A., M.D.
 { W. SUTHERLAND, M.D.
 { R. J. B. HOWARD, B.A., M.D.

1. The head being divided in the middle line, give, in their order, the

parts found in dissecting from within outwards to the surface, the region bounded by the horizontal plate of the ethmoid and body of the sphenoid above, the palate below, the posterior border of the internal pterygoid plate behind, and the nasal duct in front.

2. Describe that portion of the under surface of the base of the skull which is bounded in front by a horizontal line drawn through the roots of the pterygoid plates and behind by a line between the points of the mastoid processes; and then mention in their order from before backwards the several structures in direct relation.

3. A horizontal section of the thorax is made at the level of the 4th costal cartilage. Name in order the parts divided.

FIRST ASSISTANT DEMONSTRATOR'S PRIZE.

(First Year.)

1. Mention, in their order, the grooves on the lower end of the radius, and tendons corresponding to each.

2. State what muscle separates the teres minor from teres major; describe the spaces left between the three muscles, and the vessels and nerves which pass through the spaces in question.

3. Describe in their relative positions, the parts exposed by removing the whole of the gluteus maximus.

4. What parts will be divided by a knife drawn directly from one malleolus to the other, across the sole of the foot, cutting to the bone?

CHEMISTRY.

THE SUTHERLAND MED. L.

Examiner..... PROF. GIRDWOOD, M.D.

1. How would you determine the atomic weight, valence and equivalent weight of oxygen. Give the reasons for the processes employed.

2. What changes take place in (a) the simple and in (b) the compound battery during the evolution of one litre of oxygen from acidulated water?

3. Give a scientific arrangement of the oxides, showing their relation to water, and the combinations of their Hydrates with one another.

4. Describe the periodic law of Mendelejeff.

5. Describe the mode of estimating the quantity of urea in a given

sample of urine, tracing out the action of the reagents employed and the means to obviate error in the result.

6. Show how you can make a nitro-substitution compound from a monatomic, diatomic and a triatomic alcohol.

THIRD YEAR.

GENERAL PATHOLOGY.

Examiner W. G. JOHNSTON, M.D.

1. In what localities and under what circumstances does fatty degeneration occur, and how is its presence recognized?
2. How may past or present disease modify an existing disease? Give examples.
3. Name the causes, source and consequences of the principal forms of embolism.
4. What constitutes malignancy in a tumor?
5. What are the histological appearances met with in the later stages of an inflammation? How may inflammation terminate? Describe in detail the phenomena of repair.
6. In what ways may bacteria act injuriously upon the body? Give examples.
7. Sketch the life history of *Taenia Solium*.

HYGIENE.

Examiner, PROF. R. L. MACDONNELL, B.A., M.D.

1. Enumerate the causes of the diarrhoeal diseases of infancy?
2. In the town in which you are practising a stranger arrives by steam-boat who is suffering from symptoms which you believe to be those of mild varioloid. What measures would you take. (a) As regards the patient. (b) To protect others?
2. *Milk.* (a) Its character when pure.
- (b) The ordinary adulterations and the means of detecting them.
- (c) The causes of unwholesomeness.

4. What are the advantages and disadvantages, as a means of warning, of:—

- (a) An open fire place; (b) a stove fed with wood; (c) hot air from a furnace in the basement; (d) hot water pipes; (e) steam pipes?

MEDICAL JURISPRUDENCE.

Examiner PROF. WILKINS, M.D.

1. What are the chief medico-legal questions involved in a case of suspected infanticide?

How would you prove or disprove these?

2. What are the symptoms and post-mortem appearances of asphyxia?

How may these appearances be modified by circumstances?

3. What forms of poisoning may be mistaken for symptoms of disease, and *vice versa*?

4. What are the symptoms of poisoning by oxalic acid?

5 Describe *Melancholia*.

M.D., C.M., Final Examination.

PRINCIPLES AND PRACTICE OF SURGERY.

Examiners..... { PROF. G. E. FENWICK, M.D.
" F. BULLER, M.D., M.R.C.S., ENG.

1. Fracture of the base of the skull. What accidents might produce this injury? Describe the symptoms, treatment to be followed and probable results.

2. What course does the Urine take in perineal infiltration? Describe the attachment of the tissues which limit the extravasation in ordinary cases.

3. Carbuncle; what is it? Describe its situation, pathology, symptoms, and treatment.

4. What course does the brachial artery follow down the arm? What is its relative position to contiguous muscles, nerves and veins, and where would you ligate it, if necessary?

5. Burns and scalds. What are the differences between these two forms of injury? What conditions render them more or less dangerous? Give the constitutional symptoms attending extensive burns or scalds. Mention the most probable causes of death in fatal cases, and describe the treatment you would adopt, both local and general.

6. How is fracture of the humerus at the elbow-joint usually produced? What other injury does it simulate? Describe the symptoms, treatment, and probable results.

7. What is the shape, and what are the boundaries of the Ischio-rectal Fossa, and what parts of importance are found therein?

8. To what may Bubo in the groin be attributed, and how would the clinical history guide you in its treatment and probable prognosis?

9. Foreign bodies in the external auditory canal. How would you proceed in the management of such cases?

(a) As to diagnosis.

(b) As to treatment.

THEORY AND PRACTICE OF MEDICINE.

Examiner..... PROF. R. PALMER HOWARD, M.D., LL.D.

1. Describe briefly the cutaneous eruptions of the Fevers, stating the periods of their manifestation.

2. Give the important complications of Typhoid Fever and their treatment.

3. Sketch the symptoms of Diabetes Mellitus.

What are the symptoms and probable cause of Diabetic Coma?

4. Describe the clinical features and treatment of Inflammation of the Cæcum.

5. Explain the kinds of murmur that may be heard in the cardiac region in Rheumatic Fever and the prognosis in each.

6. Capillary Bronchitis—its physical signs and treatment in a child of three years?

7. Describe briefly the gross alterations of the lungs in acute Pneumonia and in acute Miliary Phthisis?

8. The co-existence of Icterus and Ascites suggest either of two diseases. Give the diagnosis between them.

9. What are the symptoms of acute Anterior Polio-Myelitis?

In what other affections of the cord do similar structural changes occur?

10. A man, aged 65, is found in bed insensible, but not profoundly comatose, with right hemiplegia. The temperature in the mouth is normal, or not over 99°F.—the radials somewhat beaded—the heart's sounds free from murmur and its impulse rather weak—traces only of albumin in the urine. He had complained of tingling in right hand for a fortnight before present illness. What conditions may be present, and what is the most probable diagnosis and the reasons for it?

OBSTETRICS.

Examiner..... PROF. BROWNE, M.D.

1. Describe the management of a case of labour by the Breech, where there is undue delay in expulsion.

2. Describe the management of difficult labour from unyielding cervix uteri.

3. Give the treatment of primary post partum hemorrhage.

4. What are the signs of pregnancy available at the end of the fourth calendar month.

5. Describe the operation of turning by the combined external and internal methods.

6. What is meant by Placenta prævia, and what treatment would you adopt for this condition at the time of labour?

GYNÆCOLOGY.

Examiner..... PROF. GARDNER, M.D.

1. Enumerate and describe briefly the principal modes of examination of uterine disease.

2. Give briefly the causes, symptoms, course, and treatment of pelvic cellulitis and peritonitis.

3. The symptoms, physical signs, and diagnosis of uterine myoma.

4. The causes and treatment of menorrhagia.

N.B.—State the doses of medicines suggested.